

BARK

30<sup>th</sup> November 1830



Bound to Liverpool December 1870

Bound to Charleston February 1871

Capt. C. G. M. Stinson  
Bath  
Maine

Thos Peabody Mate  
Boston  
Mass

Wm Bowling 2<sup>d</sup> Mate  
Boston  
Mass

United States

"Annie Kimball" of Bath, Maine

Built in 1856 at Brunswick Maine

Owned by John H Kimball

Bath

Charleston May 1871

Bound to Liverpool Janr 1871

Capt. Stinson  
Mate "Peabody"  
2<sup>d</sup> Mate "Bowling"

A. P. Wilder joined 14 Nov 1871.



# VOYAGES OF THE

"Annie Kimball" Bask Me.

COMMANDED BY

Capt. C. G. M. Stinson  
Bath  
Maine



"Annie Kimball"  
Peabody Master

144  
105 26  
60 48  
2 = 8 for 12 doz of ad  
400  
6000  
50  
3000

50  
400  
12 3000 1666  
12 3000 83  
80 484  
74 332  
80 664  
74 332  
80 401.72  
100

B

Thos Peabody - Master

James O. Peabody - Mate



James J. Halsey

verses

"If he only finds us ready -  
 In the morning's happy light,  
 In the strong and sunny noontide  
 Or the coming of the night,  
 If he only finds us waiting  
 Listening for his sudden call,  
 Then his coming when we think not  
 Is the sweetest hope of all."

From Katie Halsey, Charles  
 S.C.

being

Journal from Charleston S.C. towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7	1	ENE	West		Commences with a heavy breeze from the Westward & fine pleasant weather
2	7	1				
3	7	1				
4	7	1				
5	7	1				6 PM Bordered Main Top sail
6	7	1				
7	7	1		WNW		8 PM Bordered Upper Top sail
8	7	1				
9	6	1				
10	6	1				Middle part same as first with a very confused sea running
11	6	1				
12	6	1				
1	6	1				2 AM Bordered Upper Main Top sail
2	6	1				
3	6	1		NW		5 AM Bordered the same
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	4	1				I find that three of our crew who shipped as able seamen are totally incapable of doing the most simple job we can give them
9	3	1				
10	3	1				
11	2	1	N 2 E	Buzzing		Ends with a light baffling wind & cloudy weather
12	2	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 2 E 1/2 E	140	69'	127.4	38.32	38.32	8° 18'	2.36	71.09	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		N 2 E	Buzzing		Commences with a light baffling wind until 5 PM when it changed up strong & steady with a cloudy sky
2	1					
3	1					
4	1					
5	3					
6	3					8 PM pumps attended carefully every two hours
7	3					
8	3					
9	3					9 PM Ship "Vindicator" of Bath is days out from New Orleans bound to Liverpool
10	6		ENE			
11	6					
12	6					
1	7					Middle part showing heavy from the SW with dark rainy weather
2	7					
3	7					
4	7					Bordered the Upper Top sail & Main sail
5	7					
6	7					
7	7					
8	7					8 PM Bordered Upper Main Top sail & Main sail
9	7					
10	7		ENE	West		Sent down the Anzen Top Mast
11	7					
12	7					Ends with a heavy breeze from the Westward & pleasant weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Charleston, S.C. 5 days out towards Liverpool, England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		E by N	N by N		Commences with fresh weather
2	6					fair & pleasant weather
3	6					
4	6					
5	7					Pumps attended carefully every hour
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by N	165	42	170.3	37.02	36.46	6° W	3.35	68.09	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		E by N	W by W		Commences with a strong gale & equally weather. Heavy sea running
2	6					Cause the vessel to labor very heavily
3	6					& ship large quantities of water
4	6					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	6					
2	6					
3	6					
4	6					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by N	162	47	155	37.33	37.19	11° W	8.14	61.55	West

Journal from Charleston, S.C. 7 days out towards Liverpool, England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		E by N	W by W		Commences with a strong gale & clear pleasant weather
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by N	160	29	145.87	37.49	37.49	11° W	3.2	58.55	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		E by N	W by W		Commences with a strong gale & equally weather
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by N	36	25	25	37.23	37.9	12° W	3.1	58.24	West



Journal from Charleston S.C. <sup>Monday</sup> <sup>13th</sup> <sup>day of</sup> <sup>November</sup> <sup>1870</sup> towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/	By North	4 miles		Commences with a very heavy
2	/	/				sea from the northward & equally
3	/	/				with a large sea running
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				
1	/	/				
2	/	/				
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 2 E	38	27	26.9	36.42	36.46	12° W	33	57.01	WEST

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/				Commences light baffling air & calm
2	/	/				with cloudy weather
3	/	/				sent down for top sail & mast
4	/	/				4 PM set upper main top sail
5	/	/				9 PM set a light breeze from the
6	/	/				SW
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				
1	/	/				
2	/	/				
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 2 E	47	29.8	36.3	37.12	37.03	12° W	45	57.06	WEST

Journal from Charleston S.C. <sup>Monday</sup> <sup>13th</sup> <sup>day of</sup> <sup>November</sup> <sup>1870</sup> towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/	N 2 E	SW		Commences with a strong S.W. wind
2	/	/				& dark cloudy weather
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				
1	/	/				
2	/	/				
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 2 E	138	79	113.9	38.31	38.31	16° W	2.24	57.42	WEST

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/	N 2 E	W 2 E		This day commences with a strong
2	/	/				breeze & cloudy weather
3	/	/				set the lower for top sail upper main top
4	/	/				& set the reef out of the fore sail
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				
1	/	/				
2	/	/				
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 2	130	129	129	40.00	40.00	22° W	1.55	57.43	WEST



Journal from Charleston S.C. 13<sup>th</sup> Dec<sup>r</sup> towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8	1	CR2	WN		Commences with a strong fair
2	8	1				with very heavy squalls & dark
3	8	1				gloomy weather with a very heavy
4	8	1	CR2			sea running
5	8	1				Men Pumping continually
6	8	1				4 P.M. Set the lower fore & main
7	8	1				top sails & let the reef out of
8	8	1				the fore sail
9	8	1		WNW		
10	8	1				
11	8	1				
12	8	1				
1	8	1		WNW		Middle part heavy breeze & squally
2	8	1				4 P.M. Set the upper main top sail
3	8	1				
4	8	1		WNW		6 A.M. Made all sail to the best
5	8	1				advantage with a strong breeze from
6	8	1				NW
7	8	1				ends with a strong northerly wind &
8	8	1				cloudy weather
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 74 E	132	84'	108'	41° 31'	41° 24'	23° NW	2.17	80.30	WEST

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4	1	CR2	N 72		Commences with a strong fair
2	4	1				wind & squally weather
3	4	1				
4	4	1	CR2	NW		Pumps attended carefully
5	4	1				
6	4	1				All sail set to the best advantage
7	4	1				
8	4	1				Middle part fresh breeze & squally
9	4	1				with the fore
10	4	1				
11	4	1				
12	4	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 74 E	23	37	74.4	42° 22'	42° 17'	23° NW	4.0	44.47	45

Journal from Charleston S.C. 23<sup>rd</sup> Dec<sup>r</sup> towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8	1	CR2	N 72		Commences with a moderate fair
2	8	1				& cloudy weather
3	8	1				
4	8	1	CR2	NW		4 P.M. Set the lower main top sail
5	8	1				Pumps attended carefully
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				
1	8	1				
2	8	1				
3	8	1				
4	8	1				
5	8	1				
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 74 E	124	60'	107° 35'	50° 34'	50° 34'	38° NW	2.47	20° 33'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7	1	CR2	N 72		Commences with a strong fair
2	7	1				& fine pleasant weather
3	7	1				
4	7	1				Pumps attended carefully
5	7	1				
6	7	1				
7	7	1				
8	7	1				
9	7	1				
10	7	1				
11	7	1				
12	7	1				
1	7	1				
2	7	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				
7	7	1				
8	7	1				
9	7	1				
10	7	1				
11	7	1				
12	7	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 74 E	180	43.7	174.6	51° 17'	51° 17'	26° NW	4.33	16.00	WEST



Journal from Charleston S.C. towards River and Ocean

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/	W 1/2 E	W 1/2 N	6 mi	Commence with a heavy fog & thick rainy weather with a fearfully confused sea running causing the vessel to labor & strain badly.
2	/	/	East			Shipping less far & W. & making considerable water keeping that
3	/	/				then pumping continually
4	/	/				6 AM hour commenced let the
5	/	/				braced fore sail & lower main
6	/	/				at 8 AM moderate & pleasant air
7	/	/				made all sail
8	/	/				large in Company bound the same
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
18	24	18'	17.6	37.59	37.59	26 W	28'	14.32	15.15

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/	W 1/2 E	W 1/2 N		First part of this day had a light N. wind & fair pleasant weather
2	/	/				
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
18 1/2	48	20'	20	37.19	37.12	26 W	20'	14.29	

Journal from Charleston S.C. towards River and Ocean

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/	W 1/2 E	N 1/2 E		Commence with a light breeze from the N. & cloudy weather
2	/	/				
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/	W 1/2 E	North		Pump attended very carefully
10	/	/	W 1/2 N			Bringing in strong breeze &
11	/	/	W 1/2 N			misty with a light drizzling
12	/	/				rain
1	/	/				3 PM hauled main & fore sails
2	/	/				Southern & fore sail
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
18	12	8.3	11	37.18	37.18	26 W	2.58	11.51	11.51

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/	/	W 1/2 E	W 1/2 N		Commence with a moderate breeze & thick misty weather with a light drizzling rain
2	/	/				
3	/	/				
4	/	/				
5	/	/				
6	/	/				
7	/	/				
8	/	/				
9	/	/				
10	/	/				
11	/	/				
12	/	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
18 1/2	48	20'	20	37.19	37.12	26 W	20'	14.29	



Journal from Charleston S.C. towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	A		SW	vw		Commenced with a light baffling wind from the S & cloudy from the NW
2	A					made all plain sail
3	A					
4	A					
5	A					
6	A					
7	A					
8	A					
9	A					
10	A					
11	A					
12	A					
1	A					
2	A					
3	A					
4	A					
5	A					
6	A					
7	A					
8	A					
9	A					
10	A					
11	A					
12	A					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	A		SW	North		Commenced with a strong wind from the S & cloudy weather
2	A					
3	A					
4	A					
5	A		W	NW		4 AM Tacked Star tack & made NW 1/2 W
6	A					
7	A					
8	A					
9	A					
10	A					
11	A					
12	A					
1	A					
2	A					
3	A					
4	A					
5	A					
6	A					
7	A					
8	A					
9	A					
10	A					
11	A					
12	A					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from Charleston S.C. towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Wednesday 4th Jan 1851
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Thursday 5th
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



Journal from Laysan in the towards Prince of Wales

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1						Monday 6th	18
2						Commenced strong breeze from	
3						SW with dark rainy weather	
4						9 AM from the anchor & went on	
5						the Prince of Wales & made fast	
6						Patrick High Swoman left the ship	
7						this day without loss of time	
8						Saturday 7th	
9						Throughout this day had moderate	
10						breeze from the anchor & went on	
11						Patrick High Swoman left the ship	
12						this day without loss of time	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1						Sunday 8th	18
2						Throughout this day had thick weather	
3						5 PM Crew still absent with	
4						boat	
5						Monday 9th	
6						Throughout the first part	
7						of this day had thick weather	
8						with snow falling but clearing	
9						wind NW 6 PM Crew absent	
10						all without loss of time	
11						Sunday 10th Jan	
12						Thick foggy weather - throughout	
1						this day sent up the signal	
2						hauled the ship into a dry dock	
3						ready for working six of Jan	
4						about	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Seerpool towards Chertown 1871

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1						Monday 30 day of Jan	18
2						At 2 PM Seerpool lights 15 mi	
3						full in sight a French Buick (Vale de L'Esperance)	
4						with colors set in distress - on approaching to speak her	
5						found she had been in collision & all hands but two	
6						small boys had left her - I sent boat with the master	
7						& 3 men to get them - obtaining a good view at this	
8						time (the vessel from Seerpool loaded) on examining her	
9						found her tight - but slightly damaged - the mate	
10						then took her & proceeded to look - mind to 5 PM	
11						at the time I intended to stop there for him - and at	
12						1 PM - the weather threatening no pilot to be seen - the	
1						mind so I could lay down channel - thus I concluded	
2						to keep on & did so -	
3						at 6 AM Seerpool bore N E 1/2 N 15 mi. from which	
4						I take departure	
5						4 AM took in fore top Gull Trawl	
6						9 AM " " " " " " " " " " " "	
7						at 11 AM in spanner to 12	
8						ends strong breeze south - with	
9						a heavy sea from S.W. making	
10						12 PM used to pitch & strain here	
11						Pump's well attended	
12						Bar. 30.2 29.8	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1						Tues. 31 day of Jan	18
2						Strong gales south & increasing	
3						very heavy sea - S.W. & S.W.	
4						2 PM half mannaul hauled	
5						upper topsails & fore top	
6						partial mannaul - gale still	
7						increasing	
8						at 12 PM a perfect gale south	
9						& tremendous fearful sea on	
10						4 AM wind moderates - heavy	
11						sail at 5 AM nearly calm the	
12						vessel rolling & pitching most	
1						fearfully & laboring hard -	
2						at 6 AM breezes from westward	
3						braced yards round -	
4						gale upper topsails & S.W.	
5						was fresh breeze from N.W.	
6						but still very bad sea on	
7						Pump's well attended	
8						for	
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Liverpool towards Chester

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		WSW	WSW		Wed. 1 day of Feb 1871
2	5					Fresh wind WSW 12 PM
3	4					through the night nearly calm
4	3					wind veering to North & then to E
5	3					heavy sea & ship rolling &
6	2					laboring hard -
7	2					4 am breezes from SE &
8	1			N		11 took in light staysails & 1/2
9	1			NE		gale. Sails -
10	1					in a fresh gale S & E with
11	1					very rough sea from West
12	1					& East - both causing
1	1					hard labor to ship.
2	1					Pumps well look after
3	1					
4	1					
5	4			SE		
6	5					
7	6					
8	8					
9	8					
10	8					
11	8					
12	8					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

49 11

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		WSW	SE		Thurs. 2 day of Feb 1871
2	7					Breeze strong gale SE.
3	6					2 PM took in upper topsails
4	6					5 " took in courses & 1/2
5	4					blowing heavy thick with rain
6	3					and a heavy sea
7	3					
8	3					was a gale South with a
9	3					heavy southerly sea & a very
10	3					heavy sea from West -
11	3					vessel laboring & straining
12	3					hard -
1	3					Pumps well
2	3					attended
3	3					
4	3					
5	3					
6	3					
7	3					
8	2					
9	3					
10	3					
11	3					
12	3					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Lat Obs 48.24

Journal from Lpool towards Chester

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		WSW	South		Fri. 3 day of Feb 1871
2	2					Heavy gales border a heavy
3	1	1/2				sea from South & from West
4	1	1/2				
5	1	1				1130 PM wind suddenly veered
6	1	1				to West - 12 more ship -
7	1	1				at 7 min heeled to South
8	1	1				again - more ship at 8 am
9	1	1				at 10 min heeled to South
10	1	1				again - more ship at 8 am
11	1	1				at 10 min heeled to South
12	1	1				again - more ship at 8 am
1	1	1				at 10 min heeled to South
2	1	1				again - more ship at 8 am
3	1	1				at 10 min heeled to South
4	1	1				again - more ship at 8 am
5	1	1				at 10 min heeled to South
6	1	1				again - more ship at 8 am
7	1	1				at 10 min heeled to South
8	1	1				again - more ship at 8 am
9	1	1				at 10 min heeled to South
10	1	1				again - more ship at 8 am
11	1	1				at 10 min heeled to South
12	1	1				again - more ship at 8 am

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		WSW	South		Sat. 4 day of Feb 1871
2	1					Heavy gale South to
3	1					
4	1					9 PM heeled SE - thick rain
5	1					
6	1					11 PM heeled to SW - more ship
7	1					
8	1					was a heavy rain gale
9	1					West - 8 am as per sea
10	1					vessel rolling, pitching &
11	1					laboring hard - weather much
12	1					water
1	1					Pumps well attended
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1					
9	1					
10	1					
11	1					
12	1					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Bar. 28.8  
8 PM to dry 28.5  
11. 28.4  
mor - 28.8

No. 71



Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1	1	SSW	Wst		Small gales west - rough
2	1	1				pressed laboring - Thunders
3	1	1				have
4	1	1				
5	2	1				3 am wind hauls WSW. S W 3
6	2	1				4 more ships
7	2	1				
8	2	1				7 am more moderate but
9	2	1				upper air to port
10	2	1				8 Puff Courses -
11	2	1	South	WSW		Part Ship Transferred 11 PM
12	2	1	SE	WSW		
1	2	1	NW	WSW		
2	2	1				
3	2	1	NW 3/4 N			Great heavy gale West
4	2	1				moderate to moderate
5	2	1				
6	2	1	NNW	Wst		Pumps not attended
7	2	1				
8	2	1				
9	2	1				
10	2	1	NW 3/4 W	W 3/4 N		
11	2	1				
12	2	1				

Lat Obs. 48.10

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2	1	NW 3/4 W	W 3/4 N		Heavy gale West.
2	2	1	SW	WSW		6 PM more ship - some hauls
3	3	1				to WSW
4	3	1	SW 3/4 S	W 3/4 N		2 moderate but hot
5	3	1	SSW	Wst		4 set upper topsails
6	3	1				Back track past to head
7	3	1				Through the night fresh
8	3	1				gales - thick weather
9	3	1				
10	3	1	SE 3/4 W	W 3/4 S		Some fresh wind West 2 am
11	3	1				heavy swell from West
12	3	1				
1	3	1	WSW	South		Pumps not attended
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1	SSW	Wst		
7	3	1				this PM. discovered the rudder
8	3	1				working in the braces - set at noon
9	3	1				& got chains around it to keep
10	3	1				it steady & find they help for
11	3	1	SE 3/4 W			
12	3	1	SE 3/4 W			

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3	1	SE 3/4 W	W 3/4 S		Small gales from westward
2	3	1				
3	3	1				
4	3	1				
5	3	1	SSW	Wst		8 am more ships to NW
6	3	1				
7	3	1				
8	3	1				Some heavy breeze WSW
9	3	1				rough sea - from NW
10	3	1				Pumps constantly attended
11	3	1				
12	3	1				
1	3	1	Sky W	W 3/4 S		
2	3	1				
3	3	1				
4	3	1				
5	3	1	SSW	Wst		
6	3	1				
7	3	1				
8	3	1	South	WSW		Now tonight the steam
9	3	1				parted round a vessel
10	3	1				blew us to the house papers
11	3	1				by the gangway -
12	3	1				

Lat Obs. 46.20

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3	1	NW	WSW		
2	3	1	NW			Thick weather, gales &
3	3	1	NNW			a heavy sea from NW
4	3	1	NW 3/4 W			4 PM more ships
5	3	1	SW			
6	3	1				
7	3	1	SW 3/4 S			12 PM " "
8	3	1				
9	3	1				8 am " "
10	3	1	SSW	Wst		
11	3	1	SE 3/4 W			Some fresh gale WSW
12	3	1				
1	3	1	NW			thick fog & a heavy sea
2	3	1				from NW - over
3	3	1	NNW			
4	3	1				
5	3	1	NNW			No Obs
6	3	1				
7	3	1	NW 3/4 W			Pumps attended well
8	3	1				
9	3	1	SW	WSW		
10	3	1				
11	3	1				
12	3	1				

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		SW	WNN		Thurs day of Feb 1871
2	3					Trade gale WNN trade fog
3	4		WSW	NW		4 PM fog lights up & clear
4	4					Middle moderate winds
5	4					Set a light sail
6	4					Clear light moon West
7	4					& a heavy swell from NW
8	4					Arr. Alcump ship day
9	3					Pump. well attended
10	3					Obs Lat. 45.14 N
11	3					
12	3					
1	3					
2	3					
3	4					
4	4					
5	4					
6	3					
7	3		SW	WNN		
8	3					
9	3					
10	3		SSW	WNN		
11	3					
12	3					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		SSW	WNN		Frid 10 day of Feb 1871
2	3					Light breeze West
3	4		Southe	WNN		Middle part good breeze
4	4					Clear fresh breeze WNN
5	5					Sea quite smooth
6	5					Pumps well attended
7	5					Obs Lat. 43.12
8	5		SSW	WNN		
9	5					
10	5					
11	5					
12	5					
1	5		SW	WNN		
2	5					
3	6		SW	WNN		
4	6					
5	6					
6	6					
7	6					
8	6					
9	6		WSW	NW		
10	6					
11	5					
12	5					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		WSW	NW		Sat 11 day of Feb 1871
2	5					Mod. breeze NW to WSW
3	5					quite smooth
4	5					rig a stay under the
5	5					stem to examine Rudder
6	5		SW	NW		was, from the two upper
7	5					ones may slide - got the
8	5					rudder secured & chains
9	4					as well as possible
10	4					Pumps well attended
11	4		SW	WNN		
12	4					
1	4					
2	4					
3	3					
4	3					
5	4		Southe	WSW		
6	4					
7	4					
8	5					
9	5		SSW	WNN		
10	5					
11	5					
12	5		SE	SW		

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		SE	SW		Sun day of 12 Feb 1871
2	5					Mod. breeze from
3	6		SE	WSW		Westward
4	6					at work trying to make
5	6					rudder steady
6	6					Pumps attended
7	6		SE	WNN		
8	6					
9	6					
10	6					
11	6					
12	6					
1	5		SSW	WNN		
2	5					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5	1	S by S	W by N	1/2 Pt	Monday 13 <sup>th</sup> day of Feb -
2	5	1				All these 24 hours has been
3	5	1				light pleasant breezes from
4	5	1				the Westward all sail set
5	6	1				
6	6	1				
7	6	1				
8	6	1				
9	5	1				Saw a number of vessels stand
10	4	1	S by W	West		to the Northward
11	4	1				
12	4	1				Pumps carefully attended to
1	3	1	S by W			
2	3	1				
3	3	1				
4	3	1	S by S	W by N		
5	3	1				
6	3	1				11.30 PM tacked ship to N W
7	3	1				
8	3	1				
9	1	1	S E	S by W		
10	1	1				
11	1	1				
12	1	1				

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

S 3° W 76' 1° 15' 3' 37.57 N 38.00 27° W 5' 11.27 W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1	1	NW 1/2 W	S by W	1/2 Pt	Tuesday 14 <sup>th</sup> day of Feb 1871
2	1	1				First part of these 24 hours
3	1	1				breezes and pleasant weather
4	1	1				
5	1	1	W by N	S W		
6	1	1				
7	3	1				Middle part set in thick &
8	3	1				stowed the S by sails - and
9	4	1				the staysails down
10	4	1				
11	4	1	W by N	S by S		
12	4	1				Pumps carefully attended to
1	5	1				
2	5	1				Latter part same as above
3	2	1				made all sail again
4	2	1	W by N	S W		
5	2	1				
6	2	1				
7	3	1				
8	3	1				Saw several vessels bound
9	4	1	W by N	S by S		to the southward
10	4	1				
11	4	1				
12	4	1				

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

W 72 21 71' 37.58' 38.06 27° W 71' 13.36

Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3	1	W by N	S W	1/2 Pt	Wednesday 15 <sup>th</sup> day of Feb 1871
2	3	1				First part of these 24 hours
3	3	1				moderate gales from the S W
4	3	1				
5	4	1	W by S	S by S		
6	4	1				
7	4	1	W by N	S W		Mid & latter part fresh breezes
8	4	1				from S W to S W a heavy
9	4	1	W by N	S by S		Westerly sea. 9 am took in
10	4	1				S by sails rudder working a
11	4	1				good deal the two upper
12	4	1				booms more than usual
1	6	1	West	S by W		secured it with chains
2	6	1				as well as possible
3	7	1	W by N			Sea being very rough
4	7	1				
5	7	1	West			
6	7	1				
7	7	1				
8	7	1				
9	3	1				
10	3	1				Pumps carefully attended to
11	3	1				
12	3	1				

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

S 82.30 W 123 16' 121' 37.50 38.00 23° W 151' 18.07

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3	1	West	S by W	1 Pt	Thursday 16 <sup>th</sup> day of Feb 1871
2	3	1				Breezes freshening at 2 PM took in
3	3	1				the S by sails & staysails & stowed
4	3	1				the mainsail
5	3	1				
6	3	1				
7	3	1	W by S	S by W	2 Pt	Midnight looking very wild
8	3	1				& blowing heavy took in the up
9	3	1	W	S by W		main & Peak & fore sail
10	3	1				also the bit and spanker
11	4	1	W by N			
12	4	1				
1	1	1	W by N			3.30 AM wind hauled suddenly
2	1	1				to N W
3	1	1				
4	1	1				
5	1	1	N by E	N by W		Eds with a heavy gale from
6	1	1				N by W ship rolling and straining
7	2	1				severely heavy Westerly sea
8	2	1				
9	2	1				
10	2	1	W	N by W		Pumps carefully attended to
11	2	1				
12	2	1				

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

N 84 W 42 5' 41.00 38.05 38.5 23 57 18.57 W



Journal from Liverpool towards Charleston, S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		West	NNW	3 Pt	Friday 17 day of February 1871 A heavy gale from NNW with a great sea from the westward ship straining a good deal
2	2					
3	2					
4	2					
5	2					
6	2					Pumps carefully attended to
7	2	1				
8	2	1				
9	2	1				
10	2	1				6 PM more moderate set the fore sail and spanker
11	2	1				
12	2	1				
1	2					Midnight set the main sail & jib
2	2					
3	2					
4	2					
5	2					
6	2					
7	3					Ends with light breezes & clear weather all sail set
8	3					
9	1					
10	1					
11	1					
12	1					

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.  
 S 37° W 56' 45' 00" 28 37° 21' 37° 36' 23 35 19° 34'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			Calm			Saturday 18 day of Feb 1871 commences with light variable calm sails attended to and trimmed as
2						
3						
4	1		NNW			
5	2					
6	3					
7	3		NW	SW by W		Middle and latter part strong breezes from SW to NW - all sail set
8	3					
9	2					pumps carefully attended to
10	4		NW by W			
11	4					
12	4					
1	5					This day determined to keep away for Fayal it being dangerous to trust to the wind any longer not knowing at time it might give out all
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5		NNW			

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.  
 S 73° W 88' 26' 84° 2" 37° 56' 25° 106' 21° 28' 21° 28'

Journal from Laying in towards Fayal

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			Thursday 23 Feb 1871			All this day has been strong breezes from E & E with heavy clouds passing over. overhauled E & royal lifts & foot-ropes fitted one new main E & foot rope & all the royal do. Pumps attended
2						
3						
4						
5						
6						
7			Friday 24 Feb 71			Pleasant breezes from the East employed overhauling windlees & lifts-foot-ropes Pumps well attended
8						
9						
10			Saturday 25 Feb 71			Has been blowing strong from SW at 8 PM found the vessel was dragging her anchor let go the starboard anchor and paid out 90 fathom of chain on both. she dragged about 3 times her length Pumps well attended
11						
12						
1			Sunday 26 Feb 1871			Has been blowing heavy from SW with a heavy sea running Pumps well attended
2						
3						
4						
5						
6						
7						
8			Monday 27 Feb 1871			Gale still increasing capsized the windlees rails
9			ore out 5 fathoms			The vessel being riding very heavy at the time and dragging anchors expected every moment to go ashore at 10 am the Consul sent off a boat with 4 men to abandon the vessel which we did accordingly
10						
11						
12						

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			Tuesday 28 day of Feb 1871			Went on board the ship at daylight. Pumped her out & cleared up the decks. Wind with heavy rain.
2						
3						
4			Wednesday 1 March 1871			Wind from the N & fine weather got an anchor and 90 fathoms chain from shore & moored ship & got our starboard anchor on the bow already for use. Unshipped the rudder for repairs. Pumps well attended
5						
6			Thursday 2 March 71			Wind North & fine weather shifted 150 bags of salt in order to bring the vessel by the head so that the carpenters could work at the stern post Pumps well attended
7						
8			Friday 3 March 71			Commences with a westerly wind & fine weather carpenters employed securing the braces on the stern post end with a strong breeze and rain Pumps well attended found the windlees damaged very badly during the last blow
9						
10						
11						
12						

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.



# Journal from Laying in towards Fayal

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Saturday 4<sup>th</sup> March 71

has been a light West wind and rain squalls all this day. at 11 AM rudder came alongside went to work and shipped it. at 4 PM the cargo got finished and went on shore. took 100 lbs of sweet potatoes & 200 gallons of water. commenced trimming salt at again. Pumps well attended to.

Sunday 5 March 71

Commences with a light West wind & weather. employed shipping salt from forward. to him the vessel ends with light variable winds & rain Pumps well attended.

Monday 6 March 1871

sets in with a light breeze from SSW at daylight the pilot came on board with gang & commenced to unmoor the vessel at 1 AM the captain came off with 3 PM which he shipped in Fayal. at 12 AM got our anchor on the boat all ready for departure so ends this day 12 hours to commence time Pumps well attended.

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Tuesday 7<sup>th</sup> day of March

at 1 PM made sail at 1.30 PM slipped the shore anchor and stood out to sea at 3 PM the Pilot left went to work and put the chains below & cleared up the deck.

9.30 PM Pico bore S by W

at 5.30 PM tacked to S by E

Pumps well attended

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.

39.14

28.3

# Journal from Liverpool towards Charleston SC

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Wednesday 8 day of March 1871

First part of these 24 hours sets in with a light W wind and pleasant weather.

A heavy SSW sea running all the day at 2 PM tacked to NW

at 5 PM Pico bore S by Compass Dist 40 miles from which make my departure

all sail set

Midnight and latter part the same as above

Pumps well attended

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Thursday 9 day of March 1871

All these 24 hours has been moderate gales from the SSW with a very heavy sea do.

at 6 PM made Flores bearing West

Midnight tacked to SE 4 AM do to the Westward

at 5.30 AM made Flores again bearing WNW

10 AM sea still increasing hauled the staysails down 11.30 do hauled the fore & main Sg sails Pumps well attended.

Course, Distance, Diff. of Lat., Departure, Lat. by D. R., Lat. by Ob., Variation, Diff. of Lon., Lon. in., Lon. by Ob.

73W 88' 26 82 39.4 39.07 23W 104 31.32



## Journal from Liverpool

towards Charleston S.C.

## Journal from Liverpool

towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		Wby S	Sby W	1 Point	Friday 10 day of March 1871 First part of these 24 hours strong gales & a heavy sea from S.E.
2	5					
3	5					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	5					
2	5					
3	5		West	S.S.W		
4	4					
5	4					
6	4					
7	4					
8	4					
9	4	F				
10	4	F				
11	4	F				
12	4	F				

Middle part sets in with rain  
squalls & heavy clouds passing  
over

4 Days out

Latter part light winds & pleasant  
with a clear sky

Pumps carefully attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 68 W	105	40	97	38.27	38.46	28 W	124	33.36	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5	1	W.N.W	S.W	1 Point	Saturday 11 day of March 1871 First part of these 24 hours strong breeze from S.W vessel pitching into a heavy head sea
2	5	1				
3	6					
4	6					
5	4					
6	4					
7	2		S.S.W	West		
8	2					
9	2					
10	2					
11	3					
12	3					
1	4		S.W by S			
2	4					
3	6					
4	7					
5	9					
6	9					
7	7					
8	7					
9	7					
10	8					
11	8					
12	8					

6 P.M. the wind shifted suddenly to  
the Westward

Middle part squally with rain

Latter part wind N.W. and pleasant  
weather all sail set

Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 33 W	115	96	62	37.10	37.14	26 W	79	34.55	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		Sby W	Nby E		Sunday 12 day of March 1871 Sets in with strong N.W. wind a heavy sea running which causes the vessel to roll a good deal
2	7					
3	7		S.W by W			
4	7					
5	7					
6	7					
7	8					
8	8					
9	5					
10	5					
11	6					
12	7					
1	7					
2	7					
3	7		S.W	E by N		
4	7					
5	6					
6	6					
7	7					
8	8					
9	8					
10	8					
11	8					
12	8					

at 1.30 P.M. squared the yards  
& hauled the staysails down

Latter part wind from the eastward  
& pleasant weather all drawing  
sail set. Pumps well attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 68 W	168	150	74	34.44	34.45	25 W	92	36.27	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7	1	S.W	E.N.E	Blora	Monday 13 day of March 1871 All these 24 has been strong breezes & squally Pumps well attended
2	7	1			Ello 7	
3	7	1			Ello 8	
4	7	1				
5	7	1				
6	7	1				
7	7	1				
8	8	1	S.W by W	E		
9	8	1				
10	7	1				
11	7	1				
12	7	1				
1	7	1				
2	7	1				
3	7	1				
4	7	1				
5	7	1				
6	7	1				
7	7	1				
8	7	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Employed setting up & rigging  
rigging & head stays

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 22.30 W	175	161	67	32.08	32.12	24 W	80	37.47	West



## Journal from Liverpool

towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		SW by W	ESE		First part of these 24 hours strong breezes & squally with dark heavy clouds passing over
2	8					
3	8					
4	8					
5	8					
6	9		Liverpool.			
7	9					
8	9					
9	9					Middel part same as above
10	9					
11	9					
12	9					
1	9					
2	8					Latter part strong winds & plain
3	8					Saw 2 vessels standing to the N
4	8					
5	8					
6	8					
7	8					
8	8					
9	9					all sail set
10	9					Pumps carefully attended to
11	9					
12	9					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 33 W	207	172'	115'	28° 20'	28° 25'	20° W	134'	40° 01' West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W by N	SE		First part of these 24 hours strong breezes & squally
2	8					
3	8					
4	8					
5	9					
6	9					
7	9					Middel part the same as above
8	9					5.30 AM squared the yards
9	8					
10	8					
11	8					
12	8					
1	8					Latter part a clear sky & pleasant weather all sail set
2	8					
3	8					
4	8					
5	8					Saw a vessel bound to the Eastward. Pumps well attended
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 50.30 W	196'	125'	15.2	28° 26'	28° 30'	17° W	173'	42° 34' West	

## Journal from Liverpool

towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W by S	SE		First part of these 24 hours small gales & pleasant weather
2	8					
3	8					
4	8					
5	8					
6	8					
7	8		W by S			
8	8					
9	7		W by S			Middel part dark & cloudy with light rain showers
10	6					
11	6					
12	6					
1	6					
2	8					
3	8					
4	8					
5	7					Latter part light variable winds & calms sail small quantities of gulf weed passing by the vessel
6	6					
7	5					
8	4					
9	4					
10	4					Pumps well attended
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 60 W	145'	55'	134'	26° 18' N	26° 20' N	15° W	154'	45° 20' West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		W by S	SE		First part of these 24 hours strong breezes & squally
2	2					
3	3		West			
4	5					
5	4		W by S	SE		
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	1		W by N			10 PM set in dark & cloudy with heavy thunder & lightning took in all the light sails
2	1		NE			
3	1		West	NE by W		
4	3					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 79 W	118'	23'	115'	25° 58' N	25° 50' N	12° W	128'	47° 28' West	



Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W	N by W		Lat 18 day of March This day commences with light breeze & pleasant weather at 4 PM mainsails.
2	8					
3	8					
4	8					
5	3					
6	3					
7	3					
8	4	1				
9	1	1	W 1/2 S			
10	1	1				
11	1					
12	1					
1	1		S 1/2 W	W 1/2 N		Middel & latter part the same above all sail set to advantage
2	1					
3	1					
4	1					
5	2		W 1/2 N			
6	1					
7	1					
8	1					
9	1					
10	1		W 1/2 N	N by E		Pumps carefully attended
11	6					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 73° W	76	22	7 1/2	26° 22' N	25° 15'	11° N	80°	48° 48' West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8	1	W 1/2 N	N by E		Lat 19 day of March This day commences with strong breeze & pleasant weather at 1 PM squared the yards
2	8	1				
3	8	1				
4	8	1				
5	8	1				
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				
1	7					
2	6					
3	5					
4	6					
5	7					
6	8					
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				
1	7					
2	6					
3	5					
4	6					
5	7					
6	8					
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 84° W	190	19'	189'	24° 36' N	24° 52' N	10° N	209'	52° 17' West	

Journal from Liverpool towards Charleston, S C

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W by N	E by N		Monday 20 day of March 1871 This day commences with pleasant breezes and fine clear weather
2	8					
3	8					
4	8					
5	6					
6	6					
7	7	1				
8	7	1				
9	8					
10	8					
11	8					
12	8					
1	8					
2	8					
3	8					
4	8					
5	7	1				
6	7	1				
7	8					
8	8					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 87° W	185'	09'	184'	25° 06' N	25° 07' N	9° W	203'	56° 46' West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		W by N	East		Tuesday 21 day of March 1871 A continuation of Easterly winds & fine weather throughout all drawing sail set to advantage
2	6					
3	6					
4	6					
5	5					
6	5					
7	6					
8	6					
9	5	1				
10	5	1				
11	5	1				
12	5	1				
1	5	1				
2	5	1				
3	5	1				
4	5					
5	5					
6	5					
7	5					
8	5					
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 84° W	131'	13'	130.4'	25° 26' N	25° 23' N	6° W	144'	58.04 West	



Journal from Liverpool towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		W by N	E by S		Wednesday 22 day of March 1871 All these 24 hours has been light breeze & pleasant weather hands employed painting & cleaning
2	5					
3	5					
4	5					
5	5					
6	5					
7	5		W by N	E by S		
8	5					2 AM saw a vessel standing to the southward
9	5					
10	5					
11	6					
12	6					All sail set to advantage
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 71° W	124	16'	123'	25° 25' N	25° 31'	4°	136	60° 26' West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		W by N	S by E		Thursday 23 day of March 1871 First part of these 24 hours light breeze & pleasant
2	3					
3	3					
4	3					
5	3					
6	3					
7	1					
8	1					Middle part dark and cloudy
9	2					
10	2					
11	2					
12	2					at 10 AM spoke the Barque Francis of Bristol bound North
1	1					
2	1					
3	1					
4	1					Ends the same as above all drawing sail set to advantage
5	2					
6	2					
7	2					
8	2					
9	3					
10	3					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 71° W	179'	3'	178.3'	25° 34'	25° 36' N	2°	65'	61° 25' West	

Journal from Liverpool towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Friday 24 day of March 1871 This day commences with light breeze & pleasant weather
2	4		W	E by S		
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	5					
5	5					
6	6					
7	6					
8	6					
9	7					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by S	115 miles	0	115	25° 36' N	25° 42'	0	128'	63° 33'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4					Saturday 25 day of March 1871 All these 24 hours has been light variable winds & cloudy At 7 AM backed to S by N
2	4		N by W	W by N		
3	5					
4	3					
5			calm			
6						
7	2		West	S by W		
8	2					
9	2		W by N	W by N		
10	2					
11	2					
12	2					
1	3		NW	W by N		
2	3					
3	3					
4	3					
5	3		NNW	West		
6	3					
7	3					
8	4		SW	W by N		
9	4					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 51° W	38'	20'	31'	26° 02'	26° 08' N	0	35'	64° 08' West	



Journal from Liverpool towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		S by S	W by N		Sunday 26 day of March 1871 This day commences with light winds & pleasant weather
2	4					
3	4					
4	4					
5	4					
6	4					
7	4		W by S	N by N		
8	4					
9	3		West	N by N		Middel part equally with rain At 3.30 AM Squared the yards
10	2					
11	2					
12	2					
1	2					
2	2					
3	2					
4	2					
5	3					
6	3					
7	2	1				
8	2	1				
9	4					
10	5					
11	6					
12	6					

20 Days on -

Latter part a strong breeze & clear weather all sail set to advantage

Pumps carefully attended to

Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		W by N	S E		Tuesday 28 day of March 1871 All this day has been strong S by N winds & cloudy with an ugly sea running
2	6					
3	6					
4	6					
5	6					
6	6					
7	7			South		
8	7					
9	7		W by N			Saw a big bound to the Northward
10	7					Saw our Port vessel & part of all the rest of my days work
11	7					
12	7					
1	7		W by N	S S W	5 mi	
2	7					
3	7					
4	7					
5	8		N by N	S W		
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

There has been a current N by E for what I saw 24 miles

Pumps carefully attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 77 W	70 miles	21° 06'	66'	25° 46' N	25° 38' N	0	74'	65° 22'	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 69 W	163'	58'	152'	26° 46' N	26° 51' N	0	162'	70° 36'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		W by N	E by E		Monday 27 day of March 1871 All these 24 hours has been pleasant breeze & fine weather
2	6					
3	6					
4	6					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	6					
10	6					
11	6					
12	6					

All sail set to advantage

Crew employed painting the vessel round outside

Pumps carefully attended

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		N by N	S W		Tuesday 29 day of March 1871 First part of these 24 hours equally with rain & heavy thunder & lightning
2	5					
3	5					
4	5					
5	5					
6	5					
7	3					
8	3					
9	1		South	West	2 Points	Middel and latter part strong breeze & pleasant weather
10	1					
11	1					
12	1					
1	1					
2	2					
3	4		W	N by N		
4	4					
5	7		W by S			
6	7					
7	7					
8	8					
9	8		W by S			
10	8					
11	8					
12	8					

Pumps carefully attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 82° 30' W	130'	17'	130'	25° 54' N	25° 48' N	8	145'	67° 47'	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 88° W	85'	3'	85'	26° 54' N	26° 51' N	1° East	94'	72° 12'	West



Journal from Liverpool

towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	8					
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

W by N E by N

W by N E by S

S E by E

Tuesday 30 day of March 1871

All this has been strong breeze & squally with a heavy mist or sea running which causes the vessel to heel a great deal

Saw a brig bound to the South

All sail set

Pumps carefully attended to

24 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 73 W	180'	5-2'	172	27° 43' N	27° 30' N	2° E	193'	75° 25' West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	7					
10	7					
11	8					
12	8					
1	8					
2	8					
3	7					
4	7					
5	7					
6	7					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

W by N S W

First & middle part of this 24 hours strong breeze & pleasant weather

Latter part heavy squalls attended with rain. shortened sail & stood by

Pumps carefully attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 61 2 W	138'	65'	120'	28° 53' N	29° N	5° E	136'	77° 4' West	

Journal from Liverpool

towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1					
2	1					
3	1					
4	1					
5	2					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	4					
2	4					
3	6					
4	6					
5	8					
6	8					
7	8					
8	8					
9	7					
10	7					
11	7					
12	7					

W by N S

W by N N

N W N

N W N S W

Saturday 1st day of April 1871

This day commences with light breezes & cloudy all sail set

Middle part the same as above

Latter part blowing a heavy gale from the S W handed the topsails and mainsail

Pumps carefully attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 60 W	109'	64'	92'	29° 54'		2° E	107'	79° 20' West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7					
2	7					
3	7					
4	5					
5	5					
6	5					
7	4					
8	4					
9	3					
10	3					
11	3					
12	3					
1	3					
2	3					
3	3					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

S by N N W

Sunday 2 day of April 1871

This day sets in with violent gales from the S W accompanied with fierce squalls and a tremendous sea & making a clean breach over the vessel. which causes her to labour & make a great deal of water. The men constantly at the pumps.

Latter part the wind shifted to the N W & moderated at 5.30 A M & backed to S W. at 10 A M set the courses.

Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 25 W	74'	67'	31'	31° 01' N	31° N	5° E	36'	80° 04' West	



Journal from Liverpool towards Charleston S.C.

towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		Light	SW	1.24	Monday 3 day of April First & middle part of these hours light breeze & pleasant weather.
2	3					
3	3					
4	3					
5	3		NW	W		
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					
1	3					Latter part strong breeze & squally handed all the light sails and upper topsails
2	3					28 N. by E. 1/2 E.
3	3					
4	3					
5	4					
6	3					Pumps well attended
7	3					
8	3					
9	6					This 24 hours there has been a current setting N. by E. for I allow 1 1/2 miles
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N by W	76'	74'	12'	32° 14'	32° 20'	S E	14'	80° 19'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		WNN	NN		Tuesday 4 day of April 18
2	4					First part of these 24 hours light
3	4					breezes & pleasant weather
4	4					at 7. P.M. made Roman light sea
5	4					NW by E
6	4					At 9.30. P.M. Roman Light WNN
7	3					20 miles distant from which I took
8	3					a fresh departure
9	3		NE			
10	4					Middle part strong breezes
11	4		W by S			with an ugly sea running
12	3					Lacked & rec Lacked
1	3					
2	3					
3	3					
4	3					
5	4					
6	4					
7	4					
8	4		NE & E	NNN		
9	3					Latter part the same as above
10	3					at Noon Lacked to Westward
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 66 W	32'	13'	29'	32.33 N	32.22 N	5° E	35'	20.56 W	20.56 W

Journal from Liverpoo<sup>l</sup>

towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		WSW	NW		Wednesday day of April 1871
2	4					This day commences with light
3	4		N by W	SW		variable winds & pleasant weather
4	4					at 2 PM Lacked to NW
5	4					At 7.15 PM made Roman light bearing N 1/2 W
6	4					Dist. 20 miles 7.30 heerd a Pilot from No 8
7	7					Pilot boat & stood on and off all night
8			Various			
9						
10						At 3.30 PM <del>Ran</del> the Kattelsnake light ship
11						N by E dist 5 miles let go the port anchor
12						with 45 fathoms of chain. furled sails
1						cleared up the decks and got all ready
2						for going into port at dark set a watch
3						and put a light in the rigging so ends
4						the passage
5						This days log contains 36 hours to commence
6						curt time
7						30 Days from Fajal
8						Pumps carefully attended to
9						
10						
11						
12						

[illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1						Thursday 6 April		
2						This day commences with strong		
3						westerly winds & pleasant weather		
4						at 8.30 AM the captain proceeded to		
5						town in the steamer		
6						at 1 PM wind light hove in 15 fathoms		
7						chain. latter part found the wind		
8						freshning payed out chain again		
9						Pumps well attended		
10						Friday 7 April 1871		
11						This day commences with light N.W. breeze		
12						and pleasant weather. hove		
1						in 30 fathoms chain & unbent the		
2						coarces at 4 PM the mate Mr.		
3						Dealby came on board in the		
4						steamer Emma hove up the anchor		
5						& proceeded to town 8 PM made		
6						fast alongside the southern wharf		
7						ends with a light breeze from the		
8						S.W. & clear		
9								
10								
11								
12								

[illegible]



Journal from Laying in Charleston Harbor S. C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Saturday 8th April 71

This day commenced with a breeze from SW & clear weather & laid off all of the Seamen & Cook two of the Men down. began work at 10 AM & Mr. & left sails set with a strong NW wind & clear

Sunday 9th

Moderate breeze from the SW & fine pleasant weather through

Monday 10th

Light westerly wind & pleasant weather. The ship took the water &

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Saturday 12th

Light breeze from the SE & long & the ship took on board again discharging salt. Discharged the Cook & second Mate. Employed repairing sail

Sunday 16th

Fine pleasant weather all these 24 hours. began to land on shore at a distance

Monday 17th

Moderate westerly wind & fine pleasant weather all this day. Employed discharging salt

Tuesday 18th

Strong wind & pleasant weather. finished discharging salt. Filled in 3 Cooks & Mate 250 fathoms

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Laying in Charleston Harbor S. C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Wednesday 19th April 1871

4 men employed. Breeze very heavily from the Southward & with clear weather. Boarders men employed clearing up the lower hold. Blacksmith came to fix the Brass Bolt on the Iron Plate but it was so rough he could not work. Second Mate repairing the fore sail

Thursday 20th

Sunday May 20th 1871

Still blowing very heavily from the Southward. Ship overcast. began to take in Cotton. Arrived 9 o'clock with a light westerly wind & thick hazy weather. my last dinner 3

Friday 21st

Strong westerly wind & fine

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Blacksmith finished the brass plates

Arrived 2 o'clock & Cotton

Second Mate repairing sails

Saturday 22nd

Moderate breeze from the Westward & fine pleasant weather. Boarders men mending the ship by the

Sunday 23rd

Moderate breeze from the Eastward & fine clear weather

Monday 24th

Moderate breeze from the Eastward & fine pleasant weather

Tuesday 25th

Strong S.W. wind & fine breeze 3 o'clock of Cotton. Boarders men mending Cotton

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from "Amir Kimball" towards Charleston, S.C.

H K F COURSES. WINDS. LEEWAY. REMARKS day of 18

Wednesday 26<sup>th</sup> April/71

Throughout this day had strong E winds & fine pleasant weather. Received 11 bales of Cotton

Thursday 27<sup>th</sup>

First part of this day had strong N.W. & fine pleasant weather. Latter part all round the compass with thick rain & with thunder & lightning. Received 12 bales of Cotton. Two hands employed drawing Cotton

Friday 28<sup>th</sup>

Light Westery wind & fine pleasant weather throughout the whole of day. Received 3 bales of Cotton & 19 bags of Ground Proshpate

Saturday 29<sup>th</sup>

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Throughout with a strong Westery wind & fine pleasant weather. Latter part with a heavy breeze from the Southward. Received 4 bales of Cotton

H K F COURSES. WINDS. LEEWAY. REMARKS day of 18

Sunday 30<sup>th</sup>

Strong Westery wind & fine pleasant weather all this day

Monday 1<sup>st</sup> May

Light baffling wind & cloudy weather all this day

Tuesday 2<sup>nd</sup>

Wind baffling & squally all the day with showers of rain. Received 1 bale of Cotton

Wednesday 3<sup>rd</sup>

Force of wind to sea

Moderate breeze from the West & fine pleasant weather all this day. Two hands employed drawing Cotton

Thursday 4<sup>th</sup>

Moderate & pleasant all day

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from "Amir Kimball" in Charleston, S.C.

H K F COURSES. WINDS. LEEWAY. REMARKS day of 18

Friday 5<sup>th</sup> 71

Light Westery wind & fine pleasant weather all this day. Cork again took to day

Saturday 6<sup>th</sup>

Strong N.W. wind & fine pleasant weather throughout this day. Received 3 bales of Cotton seed

Sunday 7<sup>th</sup>

Light baffling wind from the SW & fine pleasant weather

Monday 8<sup>th</sup>

Moderate breeze from the SW & fine pleasant weather. Received 3 bales of Cotton & 163 sacks of Cotton seed

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H K F COURSES. WINDS. LEEWAY. REMARKS day of 18

Throughout with a strong Westery wind & fine pleasant weather. Latter part with a heavy breeze from the Southward. Received 4 bales of Cotton

Wednesday 10<sup>th</sup>

First part of this day had light Westery wind & fine pleasant weather. Latter part showing a heavy gale from the W. with thick rising sea

Thursday 11<sup>th</sup>

Throughout this day had strong Easterly winds & thick rising sea

Friday 12<sup>th</sup> May

Strong southerly wind & fine pleasant weather. Received 100 bales of Cotton & 8 sea Island

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



# Journal from In Charleston Harbor S. C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Saturday 13<sup>th</sup> / 71  
 Light Northwesterly wind & fine weather - all this day  
 Arrived 24<sup>th</sup> of S. Island & 9 miles offland  
 Shipped the New Hudson to day  
 Sunday 24<sup>th</sup>  
 Fine pleasant weather all these twenty-four hours  
 Monday 15<sup>th</sup>  
 Moderate breeze from the Southward  
 Fine pleasant weather throughout the whole of this day  
 Carpenters employed  
 Tuesday 16<sup>th</sup> / 71 Day  
 Moderate breeze from the Westward  
 Fine pleasant weather  
 Arrived 6 miles S. of S. Island  
 & 29 offland

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Wednesday 17<sup>th</sup> / 71 Day  
 Fine pleasant weather - throughout the whole of this day

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Thursday 18<sup>th</sup> / 71 Day  
 Light N<sup>W</sup> Wind & fine pleasant weather  
 Friday 19<sup>th</sup>  
 Had strong Northwesterly winds throughout the whole of this day  
 Saturday 20<sup>th</sup>  
 Light NW wind & fine clear weather  
 all these twenty-four hours  
 Arrived 94 miles offland & 29 S. Island  
 Sunday  
 Light southerly wind & pleasant all this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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# Journal from In Charleston Harbor S. Carolina

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Monday 22<sup>nd</sup>  
 Moderate breeze & fine weather  
 all this day  
 Arrived 58 miles of Cotton from the State ship  
 Tuesday 23<sup>rd</sup>  
 Throughout the whole of this day had a strong southerly wind & fine pleasant weather  
 Wednesday 24<sup>th</sup>  
 Strong S<sup>W</sup> wind & fine pleasant weather  
 all throughout these twenty-four hours  
 Second mate employed caulking deck  
 Thursday 25<sup>th</sup>  
 Fine pleasant weather all these 24 hours  
 Arrived 103 miles of S. Cotton  
 Friday 26<sup>th</sup>  
 Strong southerly wind & fine pleasant weather  
 all these 24 hours  
 Arrived 3 miles S. Island  
 Saturday 27<sup>th</sup>  
 Throughout the whole of this day had a strong breeze from the Southward & fine pleasant weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Sunday 28<sup>th</sup>  
 Strong southerly wind & fine pleasant weather  
 throughout the whole of this day  
 Monday 29<sup>th</sup>  
 Strong southerly wind & thick evening weather  
 all these twenty-four hours  
 Tuesday 30<sup>th</sup>  
 Wind strong from the Southward with squally weather & heavy showers of rain  
 Wednesday 31<sup>st</sup>  
 Strong breeze from the Southward & fine pleasant weather all this day  
 Thursday 1<sup>st</sup> June 71  
 Strong southerly wind & dark cloudy weather - all this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Port Moresby to Kaituma Bay

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Friday 2<sup>nd</sup> Strong breeze from the S. & squally with thick sunny

Saturday 3<sup>rd</sup> Had a strong S.E. wind throughout the whole of this day & squally with showers of rain

Sunday 4<sup>th</sup> First part of this day had the wind S.E. thick & rain later part more moderate & clear

Monday 5<sup>th</sup> Throughout this day a fine strong wind from the S. with clear pleasant weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
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Wednesday 7<sup>th</sup> First part of this day squally with a strong breeze from the Eastward later part light air & warm

Thursday 8<sup>th</sup> Had a strong breeze & fine pleasant weather all this day

Friday 9<sup>th</sup> Strong S.W. Wind & fine all this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Charleston S.C. towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1	6		End	South			
2	6						
3	6						
4	6						
5	6						
6	6						
7	8		EN				
8	8		EN				
9	8						
10	8						
11	8						
12	8						
1	8		EN	S.W.			
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12	8						

Wednesday day of 28<sup>th</sup> June 1871 This day commences with a strong breeze & squally weather

Employed overhauling blocks etc etc 6 PM Breeze with strong with heavy squalls Furl'd Main & Top & Jib Top Sail

8 PM Wind increasing & very large sea running Furl'd Sheet & Jib & Light Ship's sails 10 PM Furl'd Top Sail. Weather just blowing fearful

Attended carefully with very heavy squalls Furl'd Main Top & Jib & Main sail & A. M. Furl'd Main Top Sail Ends with a heavy gale & terrific rain squalls & fearful sea running, causing the vessel to strain & strain

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1	7		End	SW			
2	7						
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11	7						
12	7						

Thursday day of 29<sup>th</sup> June 1871 Commences with a heavy gale & hard squalls accompanied by a very fearful sea, vessel laboring & straining very badly & shipping heavy seas

For & off & making fair run water than usual Pump attended very carefully every two hours 6 PM little more moderate. Set down Main Top Sail & 8 PM Moderating

But the sea running fearfully causing the vessel to strain badly Set Main Top Mast & Mizen Stay sails to try & steady her 4 AM Wind & sea grow more moderate Set Main & Mizen Top Sails. At 7 AM Main sail & A. M. at 8 AM Main Top sail & Top Gallant sails. At 9 AM at 10 AM at 11 AM at 12 PM

Ends with a fresh gale & pleasant at intervals squally

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Charleston S.C. <sup>Admiral</sup> towards Liverpool, England

Journal from Charleston S.C. <sup>13 Days 12</sup> towards Liverpool

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		282	WSW		Throughout the whole of this day had a heavy breeze & pleasant weather with passing clouds
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9					
11	2	1				
12	2	1				
1	7		282			
2	7					
3	7					
4	7					
5	7					
6	7					
7	7	1				
8	2	1				
9	2	1				
10	9					
11	3					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
24N	201	4'	200'	40° 13'	40° 12'	2m 10W	4° 22'	34° 48'	32° 45'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		282	WSW		First part of this day had a fresh breeze & fine pleasant weather
2	8					
3	7	1				
4	7	1				
5	2					
6	2					
7	6	1				
8	6	1				
9	6	1				
10	6	1				
11	6	1				
12	6					
1	6					
2	5	1				
3	3	1				
4	3	1				
5	5	1				
6	5	1				
7	5					
8	5					
9	3					
10	5					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
24N	147	—	147	40° 12'	40° 00'	2m 10W	3° 12'	30° 56'	48° 44'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		282	WSW		Throughout the whole of this day had a light westerly wind with fine pleasant weather
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					
5	4					
6	4					
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
24N	180	38.3	92.4	40° 38'	40° 44'	23W	2° 01'	48° 55'	46° 28' W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		24N	WSW		This day commences with a fine fresh breeze & beautiful weather
2	5	1				
3	5	1				
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	6					
6	7					
7	7					
8	7					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
24N	147	1° 33'	113.6	42° 17'	42° 10'	23W	2° 13'	46° 22'	43° 45' = 30



Journal from Charleston S.C. <sup>15 Nautical</sup> towards Liverpool England

Journal from Charleston S.C. <sup>17 Nautical</sup> towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4	1	E/N	WSW		Thursday day of 4 <sup>th</sup> July 1871 This day commenced with a moderate breeze & fine pleasant weather
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				
1	3	1				
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Employed Channing & Partridge  
Captains Orders & etc.  
Pumps Attended Carefully  
Wool.  
WNW  
Oth. Broomster. Later part - Wind the same &  
has been as high as pleasant; at intervals foggy  
5-30.5 go the last  
4-30.5 go the last  
W/S Commenced to scrape & to  
up sail sheets. Pins & Scurves

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E	117'	1° 5'	99° 3'	43° 15'	43° 15'	24° W	2° 12'	44° 10'	41° 33'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4	1	E/N	W/S		Friday day of 5 <sup>th</sup> July 1871 Commences with a moderate breeze & pleasant. Foggy at intervals
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1				
10	4	1				
11	4	1				
12	4	1				

Pumps Attended Carefully  
WNW  
Middle part - Fresh breeze & fog  
W/S with showers & rain  
WNW  
Employed scraping & Partridge  
up sail sheets  
NW  
Employed together with a  
large board Westward  
2nd Moderate breeze & pleasant

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E	148'	1° 28'	100° 2'	44° 43'	44° 43'	28° W	2° 28'	41° 42'	39° 0'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6	1	E/N	W/N		Thursday day of 6 <sup>th</sup> July 1871 This day commences with a fresh breeze & pleasant weather with passing clouds
2	6	1				
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	6	1				
9	7	1				
10	7	1				
11	7	1				
12	7	1				
1	8	1				
2	9	1				
3	9	1				
4	9	1				
5	9	1				
6	9	1				
7	9	1				
8	9	1				
9	9	1				
10	9	1				
11	9	1				
12	9	1				

Pumps Attended Carefully  
Middle & latter parts showing a fresh gale cloudy weather  
NW  
Employed for hauling down the Topping  
Left scraping iron work etc  
Board of fresh board West & 1 large  
board along with us  
All sail set to the best advantage

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E	189'	1° 20'	146° 1'	46° 41'	46° 25'	32° W	3° 27'	38° 15'	35° 35' W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8	1	E/N	NW		Friday day of 7 <sup>th</sup> July 1871 Commences with a fresh gale & cloudy weather, very strong. Puffs at intervals
2	8	1				
3	8	1				
4	8	1				
5	8	1				
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				
1	8	1				
2	8	1				
3	8	1				
4	8	1				
5	8	1				
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

All sail set  
 crew employed furiously about same  
 duty  
WNW  
Pumps attended very carefully every  
 four hours  
Middle part - More moderate  
 with a very heavy beam sea  
 causing the board to labour & roll  
 West  
 fresh & make more water than usual  
 Ends with a light puffing air from  
 the Westward

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 1/2 E	151'	1° 14'	111° 9'	48° 06'	47° 55'	30° W	2° 45'	35° 30'	32° 50' W



Journal from Charleston S.C. 19 August towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2	1	Coat	W. 2		This day commences with a light
2	2	1				drifting air & cloudy weather
3	2	1				
4	2	1				
5	2	1				
6	3	1	Coat	S. W		Passed by a large steamer - Commodore
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	4	1	Coat	South		Reduced sail - light drifting wind
12	4	1				& very dark threatening weather
1	6	1	Coat	S. 2		to the southward - United States
2	6	1				Coast of off of sail
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	4	1				Pumps attended very carefully
8	4	1				at 4 PM off of sail at 4 PM
9	3	1				Employed sweeping & turning tops
10	3	1				about the rig
11	3	1				
12	3	1				End with a light southerly wind & cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N. 34 E	95	28.5	71.5	44.53	44.40	32° W	3.47	33.43	31.35

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3	1	Coat	S. 2		This day commences with a light
2	3	1				drifting air & cloudy weather
3	3	1				
4	3	1				
5	4	1				
6	4	1				Pumps attended carefully
7	4	1				
8	4	1				
9	5	1	Coat	S. 2		at 8 PM Fresh light sail
10	5	1				
11	5	1				Midnight: Cloudy, a fresh breeze
12	5	1				with thick evening weather
1	6	1	Coat	S. 2		turned for off of sail
2	6	1				
3	6	1				at 4 PM off of sail - Steady
4	7	1				
5	7	1				
6	7	1				
7	7	1				at 8 PM Fresh the same
8	7	1				
9	7	1				
10	7	1				
11	7	1				at 10 PM Fresh for gallant sail
12	7	1				South & into port

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N. 34 E	128	52.9	116.2	49.33	49.20	32° W	2.57	30.46	27.89

Journal from Charleston S.C. 21 August towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5	1	Coat	South		Commences with a strong breeze
2	5	1				& thick dirty weather with light rain
3	5	1				
4	5	1				
5	4	1	Coat	S. 2		at 6 PM for the main top gallant sail
6	4	1				
7	4	1				
8	4	1				
9	3	1	Coat	S. 2		Pumps attended carefully
10	3	1				
11	3	1				
12	3	1				
1	3	1	Coat	S. 2		Midnight: Fresh breeze & very
2	3	1				cloudy weather
3	3	1				
4	3	1				
5	2	1				
6	2	1				at 8 AM for top gallant sail but
7	2	1				gib & light stay sails
8	2	1				
9	2	1	Coat	South		End with a moderate breeze &
10	2	1				cloudy sky
11	2	1				
12	2	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N. 34 E	75	58.5	54.7	50.23	50.17	33° W	1.25	29.2	27.95

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3	1	Coat	South		This day commences with a strong breeze
2	3	1				& very cloudy weather
3	4	1				
4	4	1				
5	5	1				Passed a large Brig rigged steamer - Commodore
6	5	1				West
7	6	1	Coat	S. 2		
8	6	1				
9	7	1				at 10 PM Fresh light stay sails
10	7	1				
11	7	1				Midnight: Cloudy, a fresh breeze
12	7	1				with thick evening weather
1	8	1	Coat	S. 2		turned for off of sail
2	8	1				
3	7	1				at 2 PM Carried away the main top
4	7	1	Coat	S. 2		gallant sail - Fresh the sail & top
5	7	1				
6	7	1				at 4 PM Fresh upper for top sail - gib.
7	6	1				
8	6	1	Coat	S. 2		& main & at 6 PM Fresh main top
9	5	1				at sail End with a strong breeze
10	5	1				
11	5	1				
12	6	1				at 10 PM Fresh the same

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N. 34 E	144	58.7	141.3	50.46	50.32	32° W	3.40	25.41	23.40



Journal from Charleston S.C. 23 Aug 1871 towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5	1	SE	WSW		Wednesday day of 12 <sup>th</sup> July
2	5	1				This day commences with a strong
3	5	1				breeze & thick foggy weather
4	5	1				
5	6	1	SE 1/2 E	Wool		2 PM Set Upper Fore Sail
6	6	1				4 PM Set Main Mast Sail
7	6	1				9 AM Set Gallant Sail
8	6	1		WNW		Run in Attended Carefully
9	6	1				
10	6	1				
11	6	1				
12	6	1				
1	6	1		Wool		Midnight Set Fresh Breeze & dry
2	6	1				cloudy weather
3	6	1				
4	6	1				
5	6	1				
6	6	1				
7	6	1				
8	6	1		WSW		Employed scrubbing Paint-work
9	6	1				under
10	6	1				
11	6	1				End with a strong breeze &
12	6	1				thick cloudy weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/4 N	165	4'	154.2	51.00	50.25	35° West	4.5	21.3	19.3

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		SE	WSW		Thursday day of 13 <sup>th</sup> July 1871
2	8					Commences with a strong breeze &
3	8					thick foggy weather
4	8					
5	8					
6	8			SW		Scrubby Paint Work, Mast & stanchions
7	8					Covers etc etc
8	8					
9	8					
10	8			WSW		9 AM Fresh Main & Galley Mast
11	8					9 PM Set on account of the thick
12	8					fog
1	6	1	SE 1/2 E	Wool		Midnight Wind the same but
2	6	1				very thick fog & dark cloudy weather
3	6	1				Set the Gallant Sails
4	6	1				
5	6	1				
6	6	1				
7	6	1				3 AM Chasing off, made all way
8	6	1				
9	6	1	SE	WSW		Ship & two barges in sight - one
10	6	1				the same in way
11	6	1				
12	6	1				End with a fair fresh breeze &

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/2 E	170		170	50.25	50.21	28° W	4.24	17.13	15.13

Journal from Charleston S.C. 23 Aug 1871 towards Liverpool England

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		SE	WSW		Friday day of 14 <sup>th</sup> July 1871
2	8					Commences with a fresh breeze
3	8					& pleasant with passing clouds
4	8					
5	8					
6	8					Employed scrubbing & cleaning
7	8					out Water Tanks
8	8					
9	8	1				Run in Attended carefully
10	8	1				
11	8	1				
12	8	1				
1	8	1				Midnight Set Heavy Breeze & squally
2	8	1				Set the Royal
3	8	1				
4	8	1				
5	8	1				
6	8	1				4 PM Set the same
7	8	1				
8	8	1				
9	8	1	SE			End with a moderate breeze
10	8	1				& dry cloudy weather
11	8	1				
12	8	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/4 N	200	48'	194	51.59	51.01	26° W	5.4	12.10	10.25 West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		SE	WSW		Saturday day of 15 <sup>th</sup> July 1871
2	8		SE			Commences with a fresh breeze &
3	8					pleasant weather
4	8		East			Observed two ships bound West &
5	8		SE			arrived in sight found the same way
6	8					6 PM Under the land supposed to
7	8					be the head but so cloudy could not
8	8					make out
9	8		SE			
10	8					
11	8					
12	8					Midnight Fresh Breeze & thick cloudy
1	8					weather 2 AM Caught our glimpse
2	8					of Kinross Light bearing North by
3	8		East			Compass 157
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					10 AM Fresh Breeze & light squalls
10	8					showing a fresh gale with thick foggy
11	8					weather
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE 1/2 E				52.2	North	26° West			6.29 West



to arrive 30 days out  
Journal from Charleston S. C. 27<sup>th</sup> May 1871  
towards Liverpool

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			2/4	1/2 W		Commenced with a strong fair
2	9					thick misty weather
3	9		1/2 W			2 P.M. for a faint glimpse of
4	9					Chesapeake Bay. Took 4 fathoms
5	9					or more than two miles beyond
6	9					Chesapeake Bay. Took 4 fathoms
7	9					4 fathoms. Took 4 fathoms
8	9					4 fathoms. Took 4 fathoms
9	9					4 fathoms. Took 4 fathoms
10	9					4 fathoms. Took 4 fathoms
11	9					4 fathoms. Took 4 fathoms
12	9					4 fathoms. Took 4 fathoms

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Commenced with a strong fair
2						thick misty weather
3						2 P.M. for a faint glimpse of
4						Chesapeake Bay. Took 4 fathoms
5						or more than two miles beyond
6						Chesapeake Bay. Took 4 fathoms
7						4 fathoms. Took 4 fathoms
8						4 fathoms. Took 4 fathoms
9						4 fathoms. Took 4 fathoms
10						4 fathoms. Took 4 fathoms
11						4 fathoms. Took 4 fathoms
12						4 fathoms. Took 4 fathoms

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Plover N. H. towards Westport (Exp)

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Commenced with a strong fair
2						thick misty weather
3						2 P.M. for a faint glimpse of
4						Chesapeake Bay. Took 4 fathoms
5						or more than two miles beyond
6						Chesapeake Bay. Took 4 fathoms
7						4 fathoms. Took 4 fathoms
8						4 fathoms. Took 4 fathoms
9						4 fathoms. Took 4 fathoms
10						4 fathoms. Took 4 fathoms
11						4 fathoms. Took 4 fathoms
12						4 fathoms. Took 4 fathoms

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Commenced with a strong fair
2						thick misty weather
3						2 P.M. for a faint glimpse of
4						Chesapeake Bay. Took 4 fathoms
5						or more than two miles beyond
6						Chesapeake Bay. Took 4 fathoms
7						4 fathoms. Took 4 fathoms
8						4 fathoms. Took 4 fathoms
9						4 fathoms. Took 4 fathoms
10						4 fathoms. Took 4 fathoms
11						4 fathoms. Took 4 fathoms
12						4 fathoms. Took 4 fathoms

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1					Wednesday 15th	
2					Strong pleasant weather &	
3					pleasant breeze all these 24	
4					hours & 1/2	
5						
6						
7						
8						
9						
10						
11						
12						
1					Thursday 16th	
2					Throughout the whole	
3					day had a moderate breeze	
4					from the S.W. & fine weather	
5					and Carpenter caulking side	
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1						Friday 17th	
2						Throughout the whole of this day	
3						a moderate breeze from the S.W. &	
4						pleasant weather. Carpenter employed caulking	
5						the East side & the East side	
6							
7							
8							
9							
10							
11							
12							
1						Saturday 18th	
2						Moderate breeze from the South	
3						& fine pleasant weather all this day	
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1						Monday 15th	
2						Throughout this day had a light breeze	
3						from the S.W. & fine pleasant weather	
4						two men employed caulking	
5							
6							
7							
8							
9							
10							
11							
12							
1						Tuesday 16th	
2						Commenced with a	
3						moderate breeze from the S.W. &	
4						fine pleasant weather. Finished caulking	
5							
6							
7							
8							
9							
10							
11							
12							
1						Wednesday 17th	
2						Throughout this day had	
3						fresh breeze from the N.W. &	
4						fine pleasant weather. Men employed	
5						coal firing out side	
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1						Thursday 18th	
2						Throughout part of this day had	
3						moderate breeze from the S.W. & pleasant	
4						later part strong breeze from the same place	
5						& fair equals. Seamen employed taking in salt	
6							
7							
8							
9							
10							
11							
12							
1						Friday 19th	
2						Moderate breeze from the N.W. &	
3						pleasant all these 24 hours	
4							
5							
6							
7							
8							
9							
10							
11							
12							
1						Saturday 20th	
2						Strong breeze from the N.W. all	
3						this day. Seamen taking in cargo	
4						finished loading cargo in cargo hold	
5						& 200 tons Cotton Ballast ship arriving 16.3 for 9th	
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Laying in the Graves Oct. 1800

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1						Wednesday 23 <sup>rd</sup> 71		
2						Throughout this day had a fresh		
3						Ebb. from N.W. & Bysers employed		
4						setting up Bysers Rigger ship ready		
5						to go but owing as wind could not stay		
6						Thursday 24 <sup>th</sup>		
7						This day commenced with a		
8						fresh Ebb from S.W. & thick, rainy		
9						weather barometer falling very rapidly		
10						Friday 25 <sup>th</sup>		
11						Throughout the whole of this		
12						day had a heavy Western Gale		
1						& clear weather, but would not		
2						be a chance to go to sea		
3						Saturday 26 <sup>th</sup>		
4						All this day blowing a strong		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Obs.
									380
									40 knots speed engines working for

	H	K	F	COURSES.	WINDS.	LEEWAY	REMARKS.	day of	18
1							Sea		
2							Monday 2 <sup>nd</sup> July		
3							Blowing a fresh gale from		
4							NW with fine pleasant weather		
5							Tuesday 2 <sup>nd</sup> July		
6							This day had a light breeze		
7							from SE & fine weather at		
8							7 A.M. Saw some on board and on		
9							up to the deck. later at 9 A.M.		
10							took the low boat "Hermes" & ran		
11							to sea This day ends at noon		
12							Commence Sea War		

[illegible]

Journal from Liverpool Eng towards Charleston S. C.  
Dec. 29<sup>th</sup> 1871

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						The day commences with a light
2						drifting air from N <sup>2</sup> to South
3						filled out. Jib-boom coiled away lines
4						wood making chains & fenders away
5						& washed decks W <sup>2</sup> 5.00 PM low water - boat
6						swayed & carried away. Boat. Repairs to
7						organized repairs & at 1.00 PM fair again in
8						W <sup>2</sup> 9.00 AM to boat. Made all sail on the
9						boat. Tack with a light breeze from S <sup>2</sup>
10	3					heavy and breezy N <sup>2</sup> 4' (Midnight - heavy and
11	3					light N <sup>2</sup> 18' 4' in barometer cast 16'
12	4					from which I started departure
1	4					ends with a strong breeze from
2	4					S <sup>2</sup> & heavy with a very strong
3	5					strong breeze causing the boat to
4	6					pitch & strain a good deal. Pumps attended
5	6					
6	6					
7	6					
8	6					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					52.00 North			57.45 West	

	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		NNW	SSE		Wednesday day of 30 August 1871
2	6					This day commences with a fresh
3	8	1				breeze & hazy with a north swell
4	6					from the N.W. causing the vessel
5	5					to pitch & strain a good deal
6	6					
7	4					Pumps worked very carefully
8	4					
9	4					Two engines getting blowing from
10	4					
11	4					
12	5					
1	4					Middle part light breeze & cloudy
2	3					
3	2					
4	2					
5	2					Ends with a strong breeze & cloudy
6	2					
7	2					
8	2					
9	2					
10	4		NNW	West		" A.M. Cross the land the Old Head of
11	6					Knock
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
110 W.	24	2'	15'	41° 10'	41° 2'	2 W.			



Journal from Liverpool by towards (Robertson & Co)

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		S 211	118 W		At 10 AM commences with a strong
2	5					breeze & fair with passing clouds
3	5					
4	5		S 22	S W	30' 1/2	At 11 AM passed Old Head of Kinn
5	5					
6	4	1	N N W		1/2	At 12 PM 20'
7	3					
8	3					4 PM Tacked Ship
9	3					
10	3					At 12 PM the same
11	3					
12	3					3 PM Made Fastest Light N W
1	4	1				8 PM Tacking N 2 1/2
2	4					
3	4					Onwards continued carefully
4	4					
5	4					From New Head S 1/2
6	3					
7	3					At 10 PM N 1/2 W
8	3					
9	3					At 11 PM tacked ship
10	3					
11	1		East	N W		At 12 PM tacked ship
12	1					At 1 PM running from port

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		SE	WNW		Commenced with a heavy West by North
2	3		NW.			Small Currents the Land & Storm & Storm
3	3		SE			badly Wind Light & Taffing
4	3					
5	2					
6	2					
7	1	1				Drumbe Mashed Carefully every two
8	1	1				hours
9	3		SE NW	W. L.		
10	3					
11	3					Drumbe & later parts the same
12	2					
1	3					Drumbe rolling & pitching very heavily
2	3					
3	3					Very heavy sea running & was more
4	3					to North by East
5	4		WNW	NW		
6	4					
7	4					
8	4					Great Drifted making Drift
9	3					& Currents Chafing Sea
10	2					
11	1					
12	1					North Cape getting worse

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Liverpool 7 days out towards Chancery St

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Thurs <sup>14th</sup> day of Sept 18 71
1	5		W & N	East		All these 24 hours has
2	5					been light breezes &
3	5					pleasant weather
4	5					
5	4					
6	4					
7	4					
8	4					
9	3		W by N			Hands employed
10	3					side stitching the
11	3					fore sail & roping
12	3					the foot of it
1	2					
2	1					
3	1					
4	3					
5	3					
6	3					
7	3					
8	3					
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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270° 81' 27' 76' 40° 52' 27° 116' 2544 feet

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2					Friday 13 <sup>th</sup> Sept 1871 Commences with light winds & calms at 8 PM hailed in the lower standing sail. & set the jibs
2	2					
3	2					
4	2					
5			Calms			
6						
7						
8						
9						
10						At 3.30 AM braced round the yards & hauled in the fore topmast standing
11						
12						
1						
2						
3						
4						Ends with a light S.W. wind & pleasant weather all sail set
5						
6						
7						
8						
9	4		W to N	S to W		Pumps carefully attended
10	4					
11	4					
12	4					
						8 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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966N 25' 10' 22 48.53N 48.53E 27W 30' 26.14 West



Journal from Liverpool 18 days out towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		WNW	SW	LEEWAY	Commences with moderate
2	4				Seaway	breezes & squally at 7 PM
3	4				Seaway	hauled the royals & main
4	5		NW	WNW	Seaway	at 7 PM & set all the fore & aft
5	5				Seaway	at 10 PM took in the fore & aft
6	5		WNW		Seaway	cails, con
7	5				Seaway	
8	5				Seaway	
9	3		NW		Seaway	
10	3		SW	WNW	Seaway	Capt A.P. Wildes
11	3				Seaway	Bath
12	3				Seaway	Me 1879
1	2				Seaway	Latter part light winds
2			calm		Seaway	& calms all sail set
3			calm		Seaway	
4					Seaway	
5					Seaway	Crew employed barrow
6					Seaway	
7					Seaway	
8					Seaway	
9					Seaway	Pumps carefully attend
10					Seaway	
11					Seaway	
12					Seaway	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 88 W	47'	2'	46'	40° 54' N	41° 04' N	27°	61'	27.15 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		NW	WNW		Commences with moderate
2	4					breezes & dark cloudy
3	4					
4	4					
5	4					
6	4					
7	4					At 7 PM had wind shift
8	5		WN	WNW		suddenly to the NW in
9	7					a heavy rain squall
10	7					hauled all the light
11	7		WN			rears
12	7					
1	7					Latter Part moderate
2	7					set all sail again
3	7					
4	7					
5	7					Pumps carefully attend
6	7					
7	7					
8	7					
9	3		WN	NW		
10	3					10 Days out
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 63 W	116'	69'	93'	39.50 N	39.58 N	27 W	122'	27.17 West	

Journal from Liverpool 11 days out towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		WN	WNW	1 Point	Commences with strong breeze
2	4		NW			& heavy squalls at 3.20 PM
3	4					spoke the English barque
4	4					Sanferandos bound to
5	3					the N.E. at 4 PM took in
6	3					the royals & main & stay sail
7	4					gaff top sail Mizzen stay sail
8	4					& flying jib at 5.30 PM
9	2		WN			stood the top gallant sails
10	2					4 PM saw the island of
11	2					Fajal bearing SW
12	2					
1	2					Middle part the same as above
2	2					
3	2					At daylight saw the land again
4	2					bearing S.E. & backed and lay
5	2					backed to try & weather the
6	2					Point & made all possible sail
7	3		NW	WN		At 4 PM Fajal SW Point for
8	4		WN			S.E. by compass dist about
9	3		WN			9 miles from which I take a
10	3					fresh departure
11	3		WN			
12	3					Pumps very carefully attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				38° 46' N	38° 46' N	27 W		29.04 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		NW	WN		These 24 hours commence
2	3					with a heavy S.W. gale &
3	3					five squalls with a fearful
4	2					heavy head sea running
5	2					which causes the vessel
6	2					to strain very much
7	2		WN	WN		At 1.30 PM in up the sails
8	2		WN	WN		& foresail at 4 PM reefed
9	2					the topsails & spanker
10	2					& set the main, topsail
11	3		WN	NE		
12	3					At 6 PM it blew a regular
1	3					gale, took in every thing
2	3					but the two lower tops
3	3					fore top mast staysail &
4	3					mizzen stay sail
5	3					
6	3					Latter part the wind from
7	3		WN	NW		the Northward & moderate
8	4					made all sail again
9	5					
10	5					
11	4					Pumps carefully attended
12	4					12 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 60 W	78'	39.03	67'	38.10 N	38.04 N	27'	85'	38.29 West	



Journal from Liverpool 13 day out towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5	1	W <sup>h</sup> W	NW		Wednesday 20th day of Sept
2	5	1				All these 24 hours has been light breeze & pleasant weather
3	5	1				
4	5	1				
5	5	1	W by S	NW by W		
6	5					
7	3		S by S	SW		All sail set to the best advantage
8	3					
9	2		S by W			
10	2					
11	2					
12	3					Crew employed cleaning iron works
1	3		S by W	West		
2	3					
3	3					
4	4					
5	5		S by W			Pumps very carefully attended to every 2 hours
6	5					
7	6					
8	6					
9	6					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 29° W	106'	91'	57' 05"	36° 33'	36° 02'	26° W	64'	31.33 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		W by S	NW by W		Thursday 21st day of Sept
2	7					All these 24 hours has been light breeze & pleasant weather all sail set to the best advantage
3	7					
4	7					
5	5		W by W	NW		at 1.30 PM squared the yards. at midnight crew employed cleaning ship
6	5					
7	5					
8	5					
9	3					
10	2		S by W			
11	3					
12	6					
1	8					Saw small quantities of gulf weed
2	8					
3	8		S by W			
4	8					
5	7		S by W			
6	7					
7	7					
8	7					
9	7		S by W			Pumps carefully attended
10	7					
11	7					
12	7					14 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 36° W	152	123	89	33° 59'	33° 42'	24° W	109'	32.22 West	

Journal from Liverpool 15 Days out towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8	1	W by S	NW		Friday 22nd day of Sept
2	8	1				Commenced with strong breeze & squally weather at 3 PM
3	8	1				drove the main Royal
4	8	1				& hauled down the main
5	8	1				it & ayeal & muzzed up
6	7					Wasted ayeal at night
7	7		W by S			drove the flying jib
8	7					
9	7		W by S	NW		at 8 AM checked the yards
10	7					Saw quantities of gulf weed
11	7					
12	6					
1	6		W by S			Latter part more moderate
2	6					set all sail again
3	6					
4	8					
5	8					Crew employed pounding & scraping iron work
6	8					
7	8					
8	8		W by S			
9	8					
10	8					Pumps very carefully attended to
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 51° W	185'	117'	143	31° 45'	31° 32'	24° W	169'	36.11 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		W by N	N by W		Saturday 23rd day of Sept
2	2					Commenced with pleasant gale & fine weather
3	2					at 2.30 PM saw a
4	2					Barque bound to the Eastward
5	2					
6	2					
7	2					At 4.30 PM rigged out fore & topmast & byed up
8	2					boom & set the topmast
9	2		W by N			standing sail
10	2					
11	2					
12	2					
1	2					Crew employed setting up all the head & main
2	2					& royal back stays
3	2					& main stays
4	2					Latter part the same as above
5	2					
6	2					
7	2					
8	2					
9	2		W by N	NW		Pumps carefully attended
10	2					
11	2					
12	2					16 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 66° W	140	53'	129	32° 38'	30° 58'	24° W	2° 31'	38.42 West	



Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3	1	SW	WNW		24 <sup>th</sup> Sept 1871 A continuation of light wind & pleasant weather
2	3	1				
3	3	1				
4	3	1				
5	3	1	SW			
6	3	1				
7	4	1	W by N	NW		
8	4	1				
9	4	1	SW			
10	4	1				
11	5	1				
12	5	1				
1	4	1	W by S	NW		
2	4	1				
3	5	1				
4	5	1				
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	1	1	West	ESE		
10	2	1				
11	4	1				
12	4	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 40° W	92'	70'	60'	29° 42' N	29° 42' N	20' W	70'	37° 52' W	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5	1	W by N	ESE		25 <sup>th</sup> Sept 1871 Commences with light breeze & pleasant weather with light clouds passing over 3.30 AM set the main topmast & stay sail & flying jib, let an old fore topmast & stay sail & jib & stay sail
2	5	1				
3	4	1				
4	4	1	West			
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	2	1				
10	3	1				
11	2	1				
12	3	1				
1	4	1				
2	4	1				
3	4	1				
4	6	1	W by N			
5	6	1				
6	6	1				
7	6	1				
8	5	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 70° W	110'	37'	103'	29° 22' N	29° 16' N	19° W	1° 58'	41° 50' W	

Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4	1	West	E by N		26 <sup>th</sup> Sept 1871 These 24 hours sets in with light baffling winds & cloudy
2	5	1				
3	4	1				
4	3	1				
5	7	1	W by N			
6	5	1				
7	5	1	W by N	ESE		
8	5	1				
9	5	1				
10	5	1	W by S	E by S		
11	4	1				
12	4	1				
1	4	1				
2	4	1				
3	4	1				
4	4	1				
5	4	1	W	E		
6	4	1				
7	4	1				
8	4	1				
9	5	1				
10	5	1				
11	5	1				
12	5	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 80° W	128'	22'	110'	28° 42' N	28° 47' N	17° W	126'	43° 56' W	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4	1	W by S	E by S		27 <sup>th</sup> Sept 1871 Commences with light variable winds & equally at 5.30 PM took in the standing sails & braced the the yards, at 2.30 AM a light steady breeze from the E astward set the standing sails again
2	4	1				
3	4	1				
4	4	1				
5	4	1				
6	6	1				
7	6	1				
8	2	1				
9	2	1	West			
10	2	1				
11	3	1				
12	3	1				
1	3	1				
2	3	1				
3	3	1				
4	3	1				
5	3	1				
6	3	1				
7	3	1				
8	3	1				
9	3	1				
10	3	1				
11	3	1				
12	3	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 73° W	86'	25'	82' 3"	28° 24' N	28° 26' N	16° W	93°	45° 29' W	



# Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		West	ESE		Thursday day of Sept 1871
2	2					All these 24 hours has been light breeze & fine weather
3	2					
4	1		W 1/2 S	ESE		
5	2					This day set up the lower rigging for the ship & shaped the lanbyards.
6	2					
7	2					
8	2					
9	3			East		
10	3					All drawing sail set
11	3					
12	3					
1	3					
2	2					
3	2					
4	1					
5	2					Pumps carefully attended to
6	3					
7	3		W 1/2 S			
8	3					
9	2		W 1/2 S			
10	2					21 Days out
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 70 W	55	18'	51.23	28.00	28.28	16 N	58'	46.29	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2	1	W 1/2 S	ESE		Friday day of Sept 1871
2	2					All these 24 hours has been light breeze & pleasant weather
3	2					
4	2					
5	2					
6	2					
7	2					Crew employed setting off the lanbyards & the lower rigging & Backstays
8	2					
9	2					
10	2					
11	3					
12	3					
1	3					All sail set to advantage
2	3					
3	2					
4	2			ESE		
5	2					Pumps carefully attended to
6	2					
7	4					
8	4					
9	4					
10	4					
11	4			East		
12	4					22 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 70 W	66	22'	62	27.47	27.46	13 N	70'	47.31	West

# Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		W	E		Saturday day of Sept 1871
2	4					All these 24 hours has been small gale & breeze & fine weather
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					Crew employed putting mats on the lower rigging & Backstays and cleaning the mauls
12	4					
1	4					
2	4					
3	4		W 1/2 S			
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	4					
11	4					
12	4					Pumps carefully attended to
						23 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 70 W	101	24'	98	27.22	27.28	12 N	100	49.17	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		W 1/2 S	E		Sunday day of Oct 1871
2	2					Commences with light breeze from the Eastward & fine weather, with dark heavy clouds passing over
3	2					
4	2					
5	1	1				
6	1	1				
7	1	1				Crew employed Coalhauling Decks & Stowing Mats on the lower Skiffing & Backstays
8	1	1				
9	1	1				
10	1	1				
11	1	1				
12	1	1				
1	1	1	W 1/2 S	SEW		Middle part wind light & variable at 11.30 AM hauled in the Star lower Studingsail & braced up & set all the fore & aft sails at 3 PM hauled in the Port & Studingsail at 9.30 AM squared the yards & set it again. One ship for company. Ends with a fine breeze & pleasant weather
2	2					
3	2					
4	2					
5	3					
6	3					
7	4					
8	4					
9	5					
10	5					
11	5					
12	5					Pumps carefully attended to
						24 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 70 W	64	19'	61	27.09	27.08	10.3 N	69'	50.26	West



# Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		W & S	S & E		Commences with moderate gales & equally weather at 13.00
2	5					hauled in the lower & top sails & braided sharp up
3	5					
4	5		W	S & W		
5	5					
6	5					
7	6					
8	6					
9	6					
10	6		W			Middle part a strong breeze & fine weather at 16.00 AM squared the yards & set the port studding sails crew employed cleaning ship work & working on the lower rigging
11	4					
12	4					
1	4					
2	6		W & S			
3	6					
4	6					
5	6					
6	6			S & E		Ends with a pleasant breeze & fine weather
7	5					
8	5					
9	5					
10	5					Pumps carefully attended
11	5					
12	5					25 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S & W	124	34'	121	26°35'	26°43'	10°W	136	52°42'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		West	South		Commences with light breeze & pleasant weather at 1.30
2	4					PM compared longitude with a French Bif. Chron
3	4					to the northward Brip
4	4					Long 48°36' West our Longitude 52°10' West
5	3					
6	3					
7	3					
8	3		W & S	S & E		
9	4					
10	6					
11	6					Middle & latter part squally with heavy rain all sail
12	5					
1	4					
2	4					
3	3			S & E		
4	3					Crew employed Rattling the Rigging down
5	4					
6	4					Pumps carefully attended
7	6					
8	6					
9	6					
10	6					
11	6					
12	5					26 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S & W	109	21'	107	26°22'	26°28'	10°W	119	52°44'	West

# Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		W & N	S & E		Commences with strong variable winds & fierce squalls at 8 PM
2	5					hauled in the studding sails & hauled the St. Royal & stowed sail Mizzen & E. stay sail & Gaff & top sail
3	5					
4	5					
5	6					
6	6					
7	6					
8	8			S & E		
9	8					
10	8					
11	8					Midnight observed it lightning heavy to the NW hauled the spanker main & E. stay sail main Royal & flying & crew employed Rattling the Rigging down the lower rigging
12	8					
1	8					
2	8					
3	8					
4	8					
5	9					
6	9					
7	8					
8	8					
9	9					
10	9					
11	9					
12	9					Latter part a strong breeze and a heavy sea running. but please all sail set. Pumps carefully attended to. 27 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W & N	184	09'	183	26°37'	26°43'	9°W	183	52°05'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		W & N	S & E		Commences with a strong gale & fierce squalls with a tremendous heavy beam sea running making a clean breach right over the vessel causing her to strain & make a great deal of water hands constantly at the pumps. at 1 PM found the Barometer falling very fast. shortened sail. at 2 PM the Barometer stopped falling supposed ourselves on the edge of a Hurricane.
2	7					at 8 PM observed heavy lightning to NW expected a shift of wind hauled the courses up & wore to S & E at daylight more moderate wore to the Westward & made all sail again
3	7					
4	7					
5	7					
6	7					
7	6		W by N	South		
8	6					
9	1		S & E			
10	1					
11	1					
12	1					
1	2		S & E	S & W		
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	4		W by N			
9	5					
10	5		W & N			
11	5					
12	5					Pumps very carefully attended to 28 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N & W	66	6'	65	26°48'	26°48'	8°W	73	59°08'	West



# Journal from Liverpool towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		WNW	SW		Friday 6th day of October 1871
2	4					All these 24 hours had been
3	4					light variable winds &
4	4					equally. Crew employed
5	4		NW by W			scrubbing paint work
6	4		W by N			
7	3					
8	3					
9	3			Variable		
10	3					
11	3					At 5.30 AM saw a ship
12	3					bound N & W
1	3					
2	2					
3	1					
4	2					Pumps carefully attended
5	2		W			
6	1					
7						
8						29 Days out
9	4			S by W		
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 84 W	60'	06'	57.57	26.54	0	W	66'	60.24	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		W by N			Saturday 7th day of October 1871
2	4					First part of these 24 hours
3	4					has been light breeze & squally
4	4		W by S			Crew employed scrubbing
5	5					paint work & painting the
6	5					boats & after house
7	5					
8	5					
9	5					Middle part very light breeze
10	5					winds with dark threatening
11	4					clouds passing over
12	4					
1	2		Variable			
2	2					
3	2					
4	3			S E		Latter part a pleasant breeze
5	3					from the S E & fine weather
6	4			S E		
7	3					Pumps carefully attended
8	3		West			
9	5					
10	5					30 Days out
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
West	100	0	100	26.54	26.57	4 W	113'	62.71	West

# Journal from Liverpool towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		W by S	E by S		Sunday 8th day of October 1871
2	5					All these 24 hours has been
3	5					pleasant gales & fine weather
4	5					Crew employed painting
5	3					the vessel inside
6	3					
7	3					
8	3		W			
9	4					At 6 AM saw a Brig bound
10	4					to the SW
11	4					
12	4					
1	4					
2	4					
3	4					
4	4					Pumps carefully attended
5	4					
6	4					
7	5		W by N	East		
8	5					
9	6					31 Days out
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 74 W	94'	4'	93'	26.35	27.00	3 W	104'	64.00	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		W by N	East		Monday 9th day of October 1871
2	5					All these 24 hours has
3	5					been strong gales &
4	5					equally weather
5	5					All sail set to advantage
6	5					
7	6		W by N			
8	6					Crew employed painting
9	6					the vessel round inside
10	6					
11	6					
12	6					
1	7					
2	7					
3	7					
4	7					Pumps carefully attended
5	7					
6	7					32 Days at sea
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 83.20 W	157'	18'	156'	27.19	27.17	2 W	176'	66.57	West



Journal from Liverpool towards Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8	1	N <sup>2</sup> W	NE		Commenced with strong breeze & passing squalls at 3 PM
2	8	1				board the yards hauled down
3	8	1				the square lower studing
4	8	1				& set the small one
5	8	1				Crew still employed painting inside
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				
1	8	1				
2	8	1				
3	8	1				
4	8	1				
5	8	1				
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 81° 30' W	198'	29'	195.6'	27° 46' N	27° 42' N	0	219'	70.36 West	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8	1	N by E	E		all these 24 hours has been strong breeze & fine weather
2	8	1				Crew still employed painting the vessel inside
3	8	1				All sail set to advantage
4	8	1				
5	8	1				
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				
1	8	1				
2	8	1				
3	8	1				
4	8	1				
5	8	1				
6	8	1				
7	8	1				
8	8	1				
9	8	1				
10	8	1				
11	8	1				
12	8	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 73° 30' W	177'	50'	169'	28° 32' N	28° 27' N	0	190'	73.46 West	

Journal from Liverpool towards Charleston

K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1	N by E	N by E		Commenced with strong breeze & cloudy weather with a very heavy sea running at 3.30 PM spoke the ship Anna Kamp from New Port bound to New Orleans
2	1				38 Days out. we compared Longitudes with her & found that we agreed exactly
3	1				
4	1				
5	1				
6	1				
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				
1	1				
2	1				
3	1				
4	1				
5	1				
6	1				
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 89° 15' W	89'	45'	76'	29° 12' N	29° 26' N	2° E	87'	75.13 West	

K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1	N by E	N by E		Commenced with light breeze and fine weather at 8 PM
2	1				Set in dark & cloudy with hear thunder & lightning. Short sail. Midnight fine weather again made. all sail
3	1				
4	1				
5	1				
6	1				
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				
1	1				
2	1				
3	1				
4	1				
5	1				
6	1				
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 46° W	66'	46'	47'	30° 12' N	30° 0' N	3° E	53'	76.06 West	



towards Charleston S.C.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		Moby W.	NE		Saturday 14 <sup>th</sup> of October 1871 commences with strong
2	7					NE gales & heavy rain
3	7					with angry sea running
4	7					at 1. PM hauled up the
5	7					cables & bent them &
6	7					overhauled 15 fathoms
7	8					on board.
8	8					
9	8					
10	8	/				
11	8	/				Middle & latter part a
12	8	/				strong gale & dry weather
1	7	/				dark heavy clouds pass
2	8					over crew employed
3	8					scrapping the main mast
4	7	/				& bright work in deck
5	7	/				
6	7	/				Pump carefully attended
7	7	/				
8	6	/				
9	6	/				
10	6	/				
11	6	/				
12	6	/				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 57 W	182	115	146	32° 07'	<del>32° 09'</del> 32° 23'	3° E	164	78.50	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5-		W M W N E			commences with a strong breeze & fine weather. 2 P M put the
2	5-					dettychors in the shoer at
3	5-	1				6 P M got a cast of the lead
4	6	1				13 fathoms, white sand & blue
5	6	1				specks & shells at 7.40 P M
6	5-	1				Saw Roman Light - it by
7	5-	1				dist about 12 miles at 1.30
8	5-					Saw the Rattle snake sho
9			Various			light. at 4 P M let go the
10						Starboard anchor & paid out
11						25 fathoms chain
12						Rattle snake light bearing
1						N by E at 10.40 P M got a
2						Pilot out of #3 Pilot boat
3						at 12.30 P M the Captain &
4						Second Mate & 3 men proceed
5						to town in the ship's boat
6						at dark put a light on the
7						top of the & set the watches
8						this day contains 6 hours &
9						commence civil time. 10.00
10						the voyage 38 days out
11						Dunkirk carefully attended
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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~~from~~ Laying in <sup>towards</sup> Charlestowne  
at Boykes Wharf

COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
			<p>Monday 16th October 71.  Commenced with a pleasant breeze &amp; fine weather at 5 PM hove up the anchor &amp; proceeded for Fowgrod the bar at 8 PM the Captain came alongside in the Steamer <i>Amelia</i>. Said Steamer took us in tow &amp; towed the vessel in to Boyers Wharf. Made fast &amp; discharged the crew. Ends with a fine breeze &amp; pleasant weather.</p>		
			<p>Tuesday 17 October 71  commenced with light westerly winds &amp; passing showers. Middle &amp; latter part wind from the Northward &amp; fine weather.</p>		
			<p>Wednesday 18 October 71  all this day has been light breezes &amp; fine weather at 4 PM commenced to discharge salt &amp; discharged seven hundred &amp; 30</p>		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Thursday 19 <sup>th</sup> October									
It has been light breeze from									

COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
			the Eastward & pleasant weather discharged one thousand & ninety seven sacks of salt three men employed unbending sails & craping the ship & rudd		
Friday 20 <sup>th</sup>			Oct 71 All this day the wind has been from N.E. & fine weather discharged two thousand nine hundred & ninety five of carron ware three men employed clearing ship outside		
Saturday 21 <sup>st</sup>			Oct 71 Commences with a light N.E. wind & pleasant weather finished discharging the carron ware. Two men employed painting the vessel outside end of with a strong breeze from the N.E.		

Course.	Distance.	Diff. of Lat.	Departure	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Laying at Boyards Wharf, Charleston

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1							18
2						Sunday 22 <sup>nd</sup> Oct	
3						Throughout this day has	
4						been light breeze, & fine	
5						pleasant weather	
6						Monday 23 <sup>rd</sup>	
7						Commences with a light breeze	
8						from the Northward & fine	
9						discharging cargo & taking	
10						cotton ends with a light breeze	
11						& fine weather	
12						Tuesday 24 <sup>th</sup>	
1						has been an Easterly wind &	
2						wet weather discharging salt	
3						& taking in cotton all day	
4						Wednesday 25 <sup>th</sup> Oct	
5						Commences with a light N E wind	
6						& rain. discharging salt & storm	
7						cotton ends with a light breeze	
8						& pleasant weather	
9						Thursday 26 <sup>th</sup> Oct	
10						All this day has been a light westerly	
11						wind & very hot weather throughout	
12						discharging salt & taking in cotton	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
1							18
2						Friday 27 <sup>th</sup>	
3						Commences with a Southerly	
4						wind & fine weather on board	
5						employed mending salt bags	
6						Shoaladors taking in cotton	
7						& discharging salt ends with	
8						a N W wind & mild weather	
9						Saturday 28 <sup>th</sup>	
10						Commences with a light North	
11						wind & cold weather discharging	
12						salt & taking in cotton ends with	
1						a S W wind & very warm weather	
2						Sunday 29 <sup>th</sup> Oct	
3						has been a strong North wind	
4						& cool pleasant weather	
5						all this day	
6						Monday 30	
7						All this day it has been blown	
8						a strong gale from the N by E	
9						finishing discharging the salt	
10						John Fort and James Oke	
11						went on duty as seamen	
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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Journal from Laying at the Wharf, Charleston

K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
						18
					Tuesday 31 <sup>st</sup> Oct	
					Commences with the pleasant	
					light N E wind & fine	
					weather two carpenters	
					employed caulking the	
					hull Round outside	
					ends with a strong breeze	
					& dark heavy clouds	
					hanging over	
					Wednesday 1 <sup>st</sup> Nov	
					Commences with a S W	
					wind & rainy weather	
					carpenters still at work	
					caulking the hull	
					ends with a S W wind & dry weather	
					Thursday 2 <sup>nd</sup> Nov	
					Commences with a light	
					breeze & fine weather ends	
					with a westerly wind	
					& cold weather	
					Friday 3 <sup>rd</sup>	
					All this day has been an	
					N by E wind & cold weather	
					with dark heavy clouds hanging	
					over	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of
						18
					Saturday 4 <sup>th</sup>	
					Commences with an	
					N E wind & rain employed	
					taking in cotton ends with	
					a clear sky & fine weather	
					Sunday 5 <sup>th</sup>	
					fine pleasant weather	
					Munday 6 <sup>th</sup>	
					Employed putting in	
					cargo of Rice 1200 bags Corn	
					Tuesday 7 <sup>th</sup>	
					at work on the	
					cargo took in 1200 bags Corn	
					Employed same but all the Sail	
					Wednesday 8 <sup>th</sup>	
					fine weather	
					all this day Rice 400 bags Corn	
					Thursday 9 <sup>th</sup>	
					fine weather	
					which being weather Rice 800 bags Corn	
					Stowage men at work on the cargo	
					at 4 o'clock employed a foreman hauler	
					Ship. men will fast	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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A. H. Wilder Jr. mate  
towards

[illegible]

from Charleston towards Liverpool Eng

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				34 46		00 00		15 40	



Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				34 " 45"		00 00		72.28	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				25-1	25-8			10-5	



Journal from Charleston towards Liverpool

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		E N E	Light		Department
2	8		Amie Wilge			
3	8		M. S. W. & F. S.			Commenced strong
4	8					begin of wind & rain
5	8					
6	8					at 1 PM fine rain
7	8					the line sails at 12
8	7					midnight fine rain
9	7					to main upper & lower
10	7					
11	7					
12	8					Later Part of m
1	8			SW		day wind continues
2	8					strong large swell
3	8					filled for sail & for
4	8					
5	8					
6	8					
7	8					The day ends heavy
8	8					squalls of wind & rain
9	8					
10	8					
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				34° 14'	00° 00'	6° 00'		66° 16'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		E N E	SW	12.	Commenced strong SW gale
2	5		SE			of wind and rain & rain
3	5		SE			filled lower main
4	5					top sail kept ship
5	5					the wind
6	5					heavy cross
7	5					sea, ship rolling, and
8	5					laboring heavily.
9	5					ships hands constantly
10	5					at the pumps
11	5					
12	5					
1	1					at 4 o'clock wind hauled
2	1					West set lower main
3	1					top sail
4	1					
5	1					Later Part moon
6	1					moderate set upper
7	1					top sails & fore sail
8	1					
9	1					Pumps come in
10	1					ship makes water fast
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				31° 00'	38° 00'	12° 00' W		64° 12'	

Journal from Charles towards Liverpool

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		SE	SW		Commenced heavy
2	5					squalls of wind & rain
3	5				11° 15'	
4	5					
5	5					all regular sail set
6	5					so that advantage
7	5					large swell for m. e
8	5					ship rolling very heavy
9	5					
10	5					
11	5					
12	5					
1	4		SE	SE		moderate moon
2	4					moderate moon
3	4					hauled so that
4	4					set all the m. e.
5	4					
6	4					Later Part moon
7	4					clouds from S. E. wind
8	4					hauled so that
9	4					at 8 AM Yacht
10	4					at 2.
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				37° 38'	37° 38'	12° 00'		69° 16'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		SE	SE		Commenced heavy squalls
2	2					of wind from S. E. filled
3	2					upper top sails & fore sail
4	2					
5	2					moderate moon
6	2					and so S. W. perfect gale
7	2					filled lower main
8	2					top sail kept to the
9	2					wind. ship laboring
10	2					very heavily at 8 AM
11	2					top ship off E. N. E.
12	2					
1	1				33° W 45° W	
2	1					Later Part moon
3	1					strong gale of wind
4	1					ship halting heavily
5	1					makes great quantity
6	1					water
7	1					Pumps continued
8	1					going
9	1					
10	1					
11	1					
12	1					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				37° 55'	37° 55'	12° 00'		61° 27'	West



# Journal from Charleston towards Liverpool Eng.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1/2	1/2	8 1/2 S	2 1/2 W		Commenced fresh gale
2	1/2	1/2	8 1/2 S	2 1/2 W		Ship running before the sea
3	1/2	1/2	8 1/2 S	2 1/2 W		makes very bad weather
4	1/2	1/2	8 1/2 S	2 1/2 W		At 6 PM Ship steamed
5	1/2	1/2	8 1/2 S	2 1/2 W		anchors got out 1/2 mile in
6	1/2	1/2	8 1/2 S	2 1/2 W		payed out 75 fathoms ship
7	1/2	1/2	8 1/2 S	2 1/2 W		then made better weather.
8	1/2	1/2	8 1/2 S	2 1/2 W		
9	1/2	1/2	8 1/2 S	2 1/2 W		
10	1/2	1/2	8 1/2 S	2 1/2 W		
11	1/2	1/2	8 1/2 S	2 1/2 W		
12	1/2	1/2	8 1/2 S	2 1/2 W		
1	1/2	1/2	8 1/2 S	2 1/2 W		
2	1/2	1/2	8 1/2 S	2 1/2 W		
3	1/2	1/2	8 1/2 S	2 1/2 W		
4	1/2	1/2	8 1/2 S	2 1/2 W		
5	1/2	1/2	8 1/2 S	2 1/2 W		
6	1/2	1/2	8 1/2 S	2 1/2 W		
7	1/2	1/2	8 1/2 S	2 1/2 W		
8	1/2	1/2	8 1/2 S	2 1/2 W		
9	1/2	1/2	8 1/2 S	2 1/2 W		
10	1/2	1/2	8 1/2 S	2 1/2 W		
11	1/2	1/2	8 1/2 S	2 1/2 W		
12	1/2	1/2	8 1/2 S	2 1/2 W		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				37.59	38.04	15.00		07.12	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1/2	1/2	8 1/2 S	2 1/2 W		This day continued
2	1/2	1/2	8 1/2 S	2 1/2 W		strong gales of wind
3	1/2	1/2	8 1/2 S	2 1/2 W		and rain. Squalls
4	1/2	1/2	8 1/2 S	2 1/2 W		Ship rolling and
5	1/2	1/2	8 1/2 S	2 1/2 W		labouring heavily
6	1/2	1/2	8 1/2 S	2 1/2 W		makes great quantity
7	1/2	1/2	8 1/2 S	2 1/2 W		water
8	1/2	1/2	8 1/2 S	2 1/2 W		At 12 o'clock
9	1/2	1/2	8 1/2 S	2 1/2 W		heavy sea & several
10	1/2	1/2	8 1/2 S	2 1/2 W		washed away & over
11	1/2	1/2	8 1/2 S	2 1/2 W		board movable store
12	1/2	1/2	8 1/2 S	2 1/2 W		lost most of our
1	1/2	1/2	8 1/2 S	2 1/2 W		damage
2	1/2	1/2	8 1/2 S	2 1/2 W		Latent heat
3	1/2	1/2	8 1/2 S	2 1/2 W		was a very bad
4	1/2	1/2	8 1/2 S	2 1/2 W		set under fore sail
5	1/2	1/2	8 1/2 S	2 1/2 W		large sea
6	1/2	1/2	8 1/2 S	2 1/2 W		
7	1/2	1/2	8 1/2 S	2 1/2 W		
8	1/2	1/2	8 1/2 S	2 1/2 W		
9	1/2	1/2	8 1/2 S	2 1/2 W		
10	1/2	1/2	8 1/2 S	2 1/2 W		
11	1/2	1/2	8 1/2 S	2 1/2 W		
12	1/2	1/2	8 1/2 S	2 1/2 W		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				37.35	37.40	14.00		03.32	

# Journal from Charleston towards Liverpool Eng.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1/2	1/2	8 1/2 S	2 1/2 W		This day continued
2	1/2	1/2	8 1/2 S	2 1/2 W		with heavy rain & showers
3	1/2	1/2	8 1/2 S	2 1/2 W		large swell from SW
4	1/2	1/2	8 1/2 S	2 1/2 W		
5	1/2	1/2	8 1/2 S	2 1/2 W		
6	1/2	1/2	8 1/2 S	2 1/2 W		
7	1/2	1/2	8 1/2 S	2 1/2 W		
8	1/2	1/2	8 1/2 S	2 1/2 W		
9	1/2	1/2	8 1/2 S	2 1/2 W		
10	1/2	1/2	8 1/2 S	2 1/2 W		
11	1/2	1/2	8 1/2 S	2 1/2 W		
12	1/2	1/2	8 1/2 S	2 1/2 W		
1	1/2	1/2	8 1/2 S	2 1/2 W		
2	1/2	1/2	8 1/2 S	2 1/2 W		
3	1/2	1/2	8 1/2 S	2 1/2 W		
4	1/2	1/2	8 1/2 S	2 1/2 W		
5	1/2	1/2	8 1/2 S	2 1/2 W		
6	1/2	1/2	8 1/2 S	2 1/2 W		
7	1/2	1/2	8 1/2 S	2 1/2 W		
8	1/2	1/2	8 1/2 S	2 1/2 W		
9	1/2	1/2	8 1/2 S	2 1/2 W		
10	1/2	1/2	8 1/2 S	2 1/2 W		
11	1/2	1/2	8 1/2 S	2 1/2 W		
12	1/2	1/2	8 1/2 S	2 1/2 W		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				38.18	38.19	17.00		50.01	38.19

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1/2	1/2	8 1/2 S	2 1/2 W		This day continued
2	1/2	1/2	8 1/2 S	2 1/2 W		heavy squalls of wind
3	1/2	1/2	8 1/2 S	2 1/2 W		and rain
4	1/2	1/2	8 1/2 S	2 1/2 W		
5	1/2	1/2	8 1/2 S	2 1/2 W		
6	1/2	1/2	8 1/2 S	2 1/2 W		
7	1/2	1/2	8 1/2 S	2 1/2 W		
8	1/2	1/2	8 1/2 S	2 1/2 W		
9	1/2	1/2	8 1/2 S	2 1/2 W		
10	1/2	1/2	8 1/2 S	2 1/2 W		
11	1/2	1/2	8 1/2 S	2 1/2 W		
12	1/2	1/2	8 1/2 S	2 1/2 W		
1	1/2	1/2	8 1/2 S	2 1/2 W		
2	1/2	1/2	8 1/2 S	2 1/2 W		
3	1/2	1/2	8 1/2 S	2 1/2 W		
4	1/2	1/2	8 1/2 S	2 1/2 W		
5	1/2	1/2	8 1/2 S	2 1/2 W		
6	1/2	1/2	8 1/2 S	2 1/2 W		
7	1/2	1/2	8 1/2 S	2 1/2 W		
8	1/2	1/2	8 1/2 S	2 1/2 W		
9	1/2	1/2	8 1/2 S	2 1/2 W		
10	1/2	1/2	8 1/2 S	2 1/2 W		
11	1/2	1/2	8 1/2 S	2 1/2 W		
12	1/2	1/2	8 1/2 S	2 1/2 W		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				39.53	39.50	18.00		47.41	39.50



Journal from Charleston towards Liverpool Eng  
*Overidge* *Departure*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		Off	Sw		The 30 day of November 1871 Commenced moderate westerly breeze from all parts of the compass at 4 PM moderated to calm Ship hands variously at work  Middle Port that dragging rain wind hauled to SW. heavy squalls sea came up from West ship labouring heavily clear surface the top sails filled fore sail & jib  At 8 AM blowing perfect gale force from lower top sail kept ship before the wind large sea running ship rolling very heavily  Arrived Cork fully attended to
2	3					
3	3		Mattie M. Phillips			
4	3					
5			M. J. W. S. F. S.			
6						
7						
8	2					
9	3					
10	3					
11	5					
12	5					
1	5					The 1 day of December 1871 Commenced in breeze with heavy squalls from SW. all day wind & sea but no advantage crew employed repairing sails  Middle Port fresh breeze from West force upper top sails Thick weather  Lower Port moderate westerly breeze from SW with heavy sea  Arrived Annamora
2	5					
3	4					
4	3					
5	3					
6	1					
7	1					
8	2					
9	2					
10	4					
11	4					
12	4					
1	4					The 2 day of Dec 1871 Commenced strong gale of wind & rain from the SW. At 10 PM wind hauled to westerly moderate glass 29.70 Middle Port fresh breeze from West force upper top sails Thick weather  Lower Port moderate westerly breeze from SW with heavy sea  Arrived Annamora
2	5					
3	4					
4	3					
5	3					
6	1					
7	1					
8	2					
9	2					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				40.56	39.00			45.30	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		Off	Sw		The 3 day of Dec 1871 Commenced strong gale of wind & rain from the SW. At 10 PM wind hauled to westerly moderate glass 29.70 Middle Port fresh breeze from West force upper top sails Thick weather  Lower Port moderate westerly breeze from SW with heavy sea  Arrived Annamora
2	5					
3	4					
4	3					
5	3					
6	1					
7	1					
8	2					
9	2					
10	4					
11	4					
12	4					
1	4					The 4 day of Dec 1871 Commenced strong gale of wind & rain from the SW. At 10 PM wind hauled to westerly moderate glass 29.70 Middle Port fresh breeze from West force upper top sails Thick weather  Lower Port moderate westerly breeze from SW with heavy sea  Arrived Annamora
2	5					
3	4					
4	3					
5	3					
6	1					
7	1					
8	2					
9	2					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				41.56	39.00			45.30	

Journal from Charleston towards Liverpool Eng

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		Off	SW	5.00	The 5 day of December 1871 This day commenced in westerly breeze from the South West with rain  At 10 PM wind hauled to westerly force top gale sails main sail & jib  Middle Port fresh breeze with very large sea ship rolling heavily  At 1 AM wind hauled to W strong breeze heavy cross sea ship for a time water freely  Progress constantly going
2	3					
3	3					
4	3					
5						
6						
7						
8	2					
9	3					
10	3					
11	5					
12	5					
1	5					The 6 day of Dec 1871 Commenced strong gale of wind & rain from the SW. At 10 PM wind hauled to westerly moderate glass 29.70 Middle Port fresh breeze from West force upper top sails Thick weather  Lower Port moderate westerly breeze from SW with heavy sea  Arrived Annamora
2	5					
3	4					
4	3					
5	3					
6	1					
7	1					
8	2					
9	2					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				42.56	42.46	27.00		41.48	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		Off	SW	5.00	The 7 day of Dec 1871 This day commenced in westerly breeze from the South West with rain  At 10 PM wind hauled to westerly force top gale sails main sail & jib  Middle Port fresh breeze with very large sea ship rolling heavily  At 1 AM wind hauled to W strong breeze heavy cross sea ship for a time water freely  Progress constantly going
2	3					
3	3					
4	3					
5						
6						
7						
8	2					
9	3					
10	3					
11	5					
12	5					
1	5					The 8 day of Dec 1871 Commenced strong gale of wind & rain from the SW. At 10 PM wind hauled to westerly moderate glass 29.70 Middle Port fresh breeze from West force upper top sails Thick weather  Lower Port moderate westerly breeze from SW with heavy sea  Arrived Annamora
2	5					
3	4					
4	3					
5	3					
6	1					
7	1					
8	2					
9	2					
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				44.05	43.00	39.00		39.07	



Journal from *Charleston* towards *Liverpool Eng*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Lat. day of Dec	1871
1	5		East W N		5.00			
2	5		same W N					
3	5							
4	5		N S W S S			This 24 hours continues		
5	5		10 "			Strong W N		
6	5					gale shipman close		
7	5					under top sails		
8	5		"	W N		large sea		
9	5							
10	5							
11	5		"	"		middle part no change		
12	5		"	"		in the air & the		
1	6							
2	6					Same Part heavy		
3	6					square of wind & hale		
4	6					Ship heaving heavily		
5	6		"	"				
6	6					Pumps attendance every		
7	6					half hour		
8	6		"	W N				
9	6							
10	6							
11	6		"	"				
12	6		"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				44° 33'	44° 24'	22.00		96° 37'	West

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Lat. day of Dec	1871
1	6		E/S N	W N	8.00			
2	6					Commences strong gale		
3	6					of wind from the W N		
4	6					large cross sea ship rolling		
5	6					and labouring heavily		
6	6		"	"		compelled to stop the		
7	6		"	"		ship before the wind in		
8	6		"	"		order to work the main		
9	6		"	"		pumps		
10	6		"	"		Ship leaking badly		
11	6		"	"				
12	6		"	"		middle part continues		
1	6					square		
2	6					Same Part strong		
3	6					square of wind & hale		
4	6		"	"		Ship heaving heavily		
5	6		"	"		Pumps attendance every		
6	6		"	"		half hour		
7	6		"	"				
8	6		"	"				
9	6		"	"				
10	6		"	"				
11	6		"	"				
12	6		"	"				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				45° 19'	43° 11'	22.00		33.28	

Journal from *Charleston* towards *Liverpool Eng*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Lat. day of Dec	1871
1	4		W/E	W N				
2	4							
3	4							
4	4					Commences small		
5	4					fine from W N passing		
6	4					clouds in north		
7	4							
8	4					At 10 PM wind hauled mostly		
9	4					ships' haws employed		
10	4					repairing outer jib		
11	4			W N				
12	4							
1	4					middle part fine		
2	4					pleasant weather set all		
3	4					the sails		
4	4					Same Part		
5	4					same large sails from		
6	4					the windward		
7	5							
8	5					In company of ship & brig		
9	5					all sailing E/N		
10	5							
11	5							
12	5							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				46° 05'	46° 04'	22.50		31.45	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	Lat. day of Dec	1871
1	5							
2	5					This day commences		
3	5					calm at 10 PM fine air		
4	5					gale of W N S S E have		
5	5					at 12 midnight		
6	5					fresh breeze from all		
7	5					the air sails		
8	5							
9	5					At 2.30 AM fine copper		
10	5					sky sails		
11	5					Same Part strong		
12	5					fine from S N passing		
1	8					clouds		
2	8							
3	8							
4	8							
5	8							
6	8							
7	8							
8	8							
9	8							
10	8							
11	8							
12	8							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				47° 13'	47° 00'	22.00		29.22	West



# Journal from Charleston SC towards Liverpool Eng

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		Off	W		The 8 <sup>th</sup> day of Decemb 1871
2	4					On Dec 8 <sup>th</sup> starting
3	4					South & BR gulls with
4	4					Herring Sea
5	4					Ship continues labouring
6	4					and makes larger quantity of
7	4					water bilge pumps constantly
8	4					going
9	4					
10	4			South		
11	4					Middle Port heavy
12	4					Squalls with large fall of rain
1	4					At 6 AM wind howled
2	4					to North kept ship off
3	4					SE. forced lower gaff
4	4					Sail here ship to
5	3			North		
6	3					The day ends with squalls
7	3					of wind and rain terrible
8	3					cross sea
9	3					
10	2					Pumps constantly going
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				48° 23'	00.00	28.00		26° 48'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		Off	W		The 9 <sup>th</sup> day of Dec 1871
2	2					On Dec 9 <sup>th</sup> starting
3	2					South & BR gulls with
4	2					Herring Sea
5	2					Ship continues labouring
6	2					and makes larger quantity of
7	2					water bilge pumps constantly
8	2					going
9	2					
10	2					Middle Port heavy
11	2					Squalls with large fall of rain
12	2					At 6 AM wind howled
1	3					to North kept ship off
2	3					SE. forced lower gaff
3	3					Sail here ship to
4	3					The day ends with squalls
5	3					of wind and rain terrible
6	3					cross sea
7	3					
8	3					Pumps constantly going
9	3					
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				48° 02'	48° 05'	28.00		25.21	North

# Journal from Charleston towards Liverpool

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						The 10 <sup>th</sup> day of Dec 1871
2						
3						On Dec 10 <sup>th</sup> starting
4						South & BR gulls with
5						Herring Sea
6						Ship continues labouring
7						and makes larger quantity of
8						water bilge pumps constantly
9						going
10						
11						Middle Port heavy
12						Squalls with large fall of rain
1	1		SE	SE	28.00	At 6 AM wind howled
2	1					to North kept ship off
3	1					SE. forced lower gaff
4	1					Sail here ship to
5	1					The day ends with squalls
6	1					of wind and rain terrible
7	1					cross sea
8	1					
9	2					Pumps constantly going
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				47° 55'	47° 55'	28.00		23° 06'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		Off	W		The 11 <sup>th</sup> day of Dec 1871
2	4					On Dec 11 <sup>th</sup> starting
3	4					South & BR gulls with
4	4					Herring Sea
5	4					Ship continues labouring
6	4					and makes larger quantity of
7	4					water bilge pumps constantly
8	4					going
9	4					
10	4					Middle Port heavy
11	4					Squalls with large fall of rain
12	4					At 6 AM wind howled
1	5					to North kept ship off
2	5					SE. forced lower gaff
3	5					Sail here ship to
4	5					The day ends with squalls
5	5					of wind and rain terrible
6	5					cross sea
7	5					
8	5					Pumps constantly going
9	5					
10	5					
11	5					
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				47° 48'	49° 24'	28.00		22° 43'	North



Journal from Charleston S.C. towards Liverpool & my

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		E 1/4 S.	S 1/4 W		The 12 <sup>th</sup> day of December 1871
2	8					Commenced fresh gale
3	8		"	"		of wind and rain
4	8					on upper top sails & in
5	8					large sea two vessels in
6	5		Good	"		company clearing Dashed
7	5					
8	5					
9	5		"	"		Middle Port String gales
10	5					force lower fore Sifted
11	5					
12	5		"	"		
1	5					Lower Port continues
2	5					heavy gales & thick
3	5		"	"		weather Ship under small
4	5					sail
5	5					
6	5					
7	5					No Observation
8	5		8 1/2	38 W		
9	5					
10	5					Pumps attended Carefully
11	5		"	"		
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				30° 27'	00° 00'	29.01		19° 37'	W. Dr.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		ESE	SEW		Apr 13 day of Dec 1871
2	0					
3	6					These 24 hours are
4	6					change in the weather
5	6					large sea keeps up from
6	6					the southward & p. sea
7	5					for bad weather
8	5					
9	5					
10	5					Moisture sent heavy
11	5					rain showers glass 30°
12	5					
1	1					
2	1					
3	1					Later Dots fresh
4	1					breeze & the weather
5	1					all require due rest
6	4					
7	4					Ship makes but little
8	1					water
9	3					On ps Annan
10	3					
11	3					
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				50° 27'	North	23.00	West	16.44	True

Journal from *Liverpool* towards *San Carlos*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	<i>The 11<sup>th</sup></i> day of <i>Jan</i>	<i>1872</i>
---	---	---	----------	--------	---------	---------	--	-------------

At noon came down  
 can board took Pilot on  
 Steam proceed down Channel  
 Discharged a Steam off side  
 long at 4 o'clock came here  
 from at 8. M. Peter Lyons by  
 from 2.30 M. At 12 o'clock  
 Stack Light on 3 M. from  
 y. price. Took on ship from  
 Top Galt Sails Top Sails &  
 Canvas. Saw Port heavy  
 Gale on 3 M. at 4 am. on  
 ship set Top Sails. Stove in  
 for the breakers.

Capt. A. P. Wildes  
 Annie B. Wildes

10.60 16 Annie

Camps Anna Maria  
 Annie B. Wildes

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Dist. or Corr.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						This day commenced strong breeze thick & squally weather was compelled to make a harbour at 2 PM came to anchor in St. Peter's Bay breakwater with 40 fathoms cable
2						Anchored Port amid made some continuous work great many vessels at anchor
3						Saw two wind hauled on fast barge ship hoisting up gear
4						Pumps America ca

[illegible]



Journal from Liverpool Eng towards New Orleans

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						At 11 o'clock
2						Large Starboard anchor
3						run out by the gun
4						port chain & starboard
5						Middle Port gales
6						Continues
7						
8						
9						
10						
11						
12						

Laying at anchor in  
Dorset Bay

Annie  
Fellie  
Leda  
Emma

At 11 o'clock  
Large Starboard anchor  
run out by the gun  
port chain & starboard  
Middle Port gales  
Continues

At 12 o'clock  
The dense heavy rain  
wind hauled & fresh  
Annie B Willet  
A A A A

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Laying at anchor in  
Dorset Bay

This day begins more  
pleasant with Dr  
Barometer 28 1/2

Ships hands at work  
planning deck

Middle Port fresh breeze  
Clear weather

At 12 o'clock  
The same as above  
wind N.W. heavy but  
fresh air in evening

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Laying in Dorset Bay  
at 11 o'clock

First Port fresh gale  
thick weather  
Ships hands at work  
planning deck

At 12 o'clock  
The same as above  
wind N.W. cleared  
up heavy swell comes  
in

Continues

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

This day begins more  
pleasant with Dr  
Barometer 28 1/2  
Ships hands at work  
planning deck

Middle Port

At 12 o'clock  
The same as above  
wind N.W. cleared  
up heavy swell comes  
in

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.



Journal from

towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						1st day of Jan 1872
2						
3						
4						First Port, morning
5						With once wind and
6						very much
7						
8						
9						
10						Second & Last
11						Port first breeze clear
12						pleasant weather
1						
2						
3						
4						The day grows milder
5						& clear weather
6						
7						Observe
8						
9						
10						
11						
12						

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						1st day of Jan 1872
2						
3						This day commences like
4						air from S.E. At 8 AM Look
5						Steamer got the anchor
6						At 9 AM Look black bore
7						South 2 miles from the
8						fore top of Smith
9						At 10 AM
10						On average light ship bore
11						South 2 miles
12						At 12 PM Barad
1						Deland Light bore S.E. 9 miles
2						
3						The day grows much &
4						unsettled weather
5						Still in
6						low
7						
8						
9						
10						
11						
12						

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

Journal from Liverpool

towards New Orleans

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						23 day of Jan 1872
2						
3						On average the current
4						weather At 2 PM Barad
5						Deland Light bore East
6						At 10 PM made the 1st light
7						
8						At 2 AM Small light
9						bore East 5 miles at 10
10						in 5.40 with 5.40 West
11						from this I put the ship
12						Discharged steam
1						and Liver pool made
2						East as required
3						
4						At 8 AM made the
5						at 8 AM under power
6						about 1000 ship 20
7						with
8						At 4.30 AM were
9						Ship to 10.15. Ser-
10						mon. East bore
11						bearing 20. E 25
12						miles

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						24 day of Jan 1872
2						
3						At 10 AM Look
4						At 11 AM Look black bore
5						South 2 miles from the
6						fore top of Smith
7						At 10 AM
8						On average light ship bore
9						South 2 miles
10						At 12 PM Barad
11						Deland Light bore S.E. 9 miles
12						
1						The day grows much &
2						unsettled weather
3						Still in
4						low
5						
6						
7						
8						
9						
10						
11						
12						

Course. Distance. Diff. of Lat. Departure. Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

51.48 51.56



Journal from Liverpool Eng towards New Orleans

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		By NW			The 25 day of Jan 1872
2	2					This day comes in
3	2					from the NW
4	2					At 10 PM made Prime Meridian
5	2					cept
6	2					At the midnight Prime Meridian
7	2					was 12 PM per compass
8	2					9 miles (by being his log)
9	2					54.00 from Long 41.30 W
10	2					11.15 - Day this I kept the log
11	2					Lat & Long
12	2					Same Port
1	2					of this day passing
2	2					cloves for NW from
3	2					Long 41.30 W
4	2					from the NW
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

57.44 22.00 8.00

Journal from Liverpool Eng towards New Orleans

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		By NW			The 26 day of Jan 1872
2	2					At 10 PM made Prime Meridian
3	2					cept
4	2					At the midnight Prime Meridian
5	2					was 12 PM per compass
6	2					9 miles (by being his log)
7	2					54.00 from Long 41.30 W
8	2					11.15 - Day this I kept the log
9	2					Lat & Long
10	2					Same Port
11	2					of this day passing
12	2					cloves for NW from
1	2					Long 41.30 W
2	2					from the NW
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

47.28 17.28 29.00

10.10

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		By NW			The 27 day of Jan 1872
2	2					At 10 PM made Prime Meridian
3	2					cept
4	2					At the midnight Prime Meridian
5	2					was 12 PM per compass
6	2					9 miles (by being his log)
7	2					54.00 from Long 41.30 W
8	2					11.15 - Day this I kept the log
9	2					Lat & Long
10	2					Same Port
11	2					of this day passing
12	2					cloves for NW from
1	2					Long 41.30 W
2	2					from the NW
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

49.44 22.00 9.28

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		By NW			The 28 day of Jan 1872
2	2					At 10 PM made Prime Meridian
3	2					cept
4	2					At the midnight Prime Meridian
5	2					was 12 PM per compass
6	2					9 miles (by being his log)
7	2					54.00 from Long 41.30 W
8	2					11.15 - Day this I kept the log
9	2					Lat & Long
10	2					Same Port
11	2					of this day passing
12	2					cloves for NW from
1	2					Long 41.30 W
2	2					from the NW
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course Distance Diff. of Lat. Departure Lat. by D. R. Lat. by Ob. Variation. Diff. of Lon. Lon. in. Lon. by Ob.

47.01 17.17 29.00

11.24



Journal from *Liverpool* towards *New Orleans*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		SE by W			The 27 day of Jan 1870
2	3		"			Commenced from
3	3		"			face of wind and
4	3		"			rain began to fall
5	3		"			at 11.00
6	3		"			at 1.00
7	3		"			at 3.00
8	3		"			at 5.00
9	3		"			at 7.00
10	3		"			at 9.00
11	3		"			at 11.00
12	3		"			at 1.00
1	3		"			at 3.00
2	3		"			at 5.00
3	3		"			at 7.00
4	3		"			at 9.00
5	3		"			at 11.00
6	3		"			at 1.00
7	3		"			at 3.00
8	3		"			at 5.00
9	3		"			at 7.00
10	3		"			at 9.00
11	3		"			at 11.00
12	3		"			at 1.00

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	47.26			33.00				14.30	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		SE by W	SE by W	33.00	The 30 day of Jan 1870
2	3		"	"	"	Commenced strong wind
3	3		"	"	"	gale with very heavy
4	3		"	"	"	sea from NW ship
5	3		"	"	"	grounded at 11.00
6	3		"	"	"	very heavy gale
7	3		"	"	"	from SW
8	3		"	"	"	at 1.00
9	3		"	"	"	at 3.00
10	3		"	"	"	at 5.00
11	3		"	"	"	at 7.00
12	3		"	"	"	at 9.00
1	3		"	"	"	at 11.00
2	3		"	"	"	at 1.00
3	3		"	"	"	at 3.00
4	3		"	"	"	at 5.00
5	3		"	"	"	at 7.00
6	3		"	"	"	at 9.00
7	3		"	"	"	at 11.00
8	3		"	"	"	at 1.00
9	3		"	"	"	at 3.00
10	3		"	"	"	at 5.00
11	3		"	"	"	at 7.00
12	3		"	"	"	at 9.00

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	47.26			47.29				28.	13.39

from		towards	
COURSES.	WINDS.	LEEWAY.	REMARKS
SE by W	SE		Jan 31 day of Jan 1870
SE	SE		Commenced heavy gale
			from NW ship
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00
			at 5.00
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			at 5.00
			at 7.00
			at 9.00
			at 11.00
			at 1.00
			at 3.00



Journal from Liverpool day towards Rio de Janeiro

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	0	0	SW	33.00		Great Port off
2	0	0				This sea breeze fresh
3	0	0				fairer of land and
4	0	0				fairing ship moves
5	0	0				clearer up fresh breeze
6	0	0				fairer of land and
7	0	0				fairing ship moves
8	0	0				clearer up fresh breeze
9	0	0				fairer of land and
10	0	0				fairing ship moves
11	0	0				clearer up fresh breeze
12	0	0				fairer of land and
1	0	0				fairing ship moves
2	0	0				clearer up fresh breeze
3	0	0				fairer of land and
4	0	0				fairing ship moves
5	0	0				clearer up fresh breeze
6	0	0				fairer of land and
7	0	0				fairing ship moves
8	0	0				clearer up fresh breeze
9	0	0				fairer of land and
10	0	0				fairing ship moves
11	0	0				clearer up fresh breeze
12	0	0				fairer of land and

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				46° 18'	29° 00'		13° 24'		

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	0	0	SW	33.00		Great Port off
2	0	0				This sea breeze fresh
3	0	0				fairer of land and
4	0	0				fairing ship moves
5	0	0				clearer up fresh breeze
6	0	0				fairer of land and
7	0	0				fairing ship moves
8	0	0				clearer up fresh breeze
9	0	0				fairer of land and
10	0	0				fairing ship moves
11	0	0				clearer up fresh breeze
12	0	0				fairer of land and
1	0	0				fairing ship moves
2	0	0				clearer up fresh breeze
3	0	0				fairer of land and
4	0	0				fairing ship moves
5	0	0				clearer up fresh breeze
6	0	0				fairer of land and
7	0	0				fairing ship moves
8	0	0				clearer up fresh breeze
9	0	0				fairer of land and
10	0	0				fairing ship moves
11	0	0				clearer up fresh breeze
12	0	0				fairer of land and

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				45° 54'	53° 42' 00"		12° 00'		

Journal from Liverpool towards New Orleans

F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	SW	SW		Great Port off
2				This sea breeze fresh
3				fairer of land and
4				fairing ship moves
5				clearer up fresh breeze
6				fairer of land and
7				fairing ship moves
8				clearer up fresh breeze
9				fairer of land and
10				fairing ship moves
11				clearer up fresh breeze
12				fairer of land and
1				fairing ship moves
2				clearer up fresh breeze
3				fairer of land and
4				fairing ship moves
5				clearer up fresh breeze
6				fairer of land and
7				fairing ship moves
8				clearer up fresh breeze
9				fairer of land and
10				fairing ship moves
11				clearer up fresh breeze
12				fairer of land and

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				45° 40'	29° 00'		13° 40'		

F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	SW	SW		Great Port off
2				This sea breeze fresh
3				fairer of land and
4				fairing ship moves
5				clearer up fresh breeze
6				fairer of land and
7				fairing ship moves
8				clearer up fresh breeze
9				fairer of land and
10				fairing ship moves
11				clearer up fresh breeze
12				fairer of land and
1				fairing ship moves
2				clearer up fresh breeze
3				fairer of land and
4				fairing ship moves
5				clearer up fresh breeze
6				fairer of land and
7				fairing ship moves
8				clearer up fresh breeze
9				fairer of land and
10				fairing ship moves
11				clearer up fresh breeze
12				fairer of land and

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				46° 36'	29° 00'		13° 00'		



Journal from Liverpool Eng towards New Orleans

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		W. S. W.	W. S. W.	145	
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	3		"	"		
6	3		"	"		
7	3		"	"		
8	4		"	"		
9	5		"	"		
10	5		"	"		
11	5		"	"		
12	5		"	"		
1	5		"	"		
2	4		"	"		
3	4		"	"		
4	3		"	"		
5	3		"	"		
6	2		"	"		
7	2		"	"		
8	2		"	"		
9	2		"	"		
10	2		"	"		
11	2		"	"		
12	3		"	"		

First Part of this day  
Squall & wind from  
W. S. W. all requiesce  
Sail set to cross  
advantage

Middle Part  
Squall & wind from  
W. S. W.

Last Part  
Squall & wind from  
W. S. W.

Officer sick of day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				45° 23'	45° 32'			13.50	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		W. S. W.	S. W.		
2	5		"	"		
3	5		"	"		
4	5		"	"		
5	5		"	"		
6	5		"	"		
7	5		"	"		
8	5		"	"		
9	5		"	"		
10	5		"	"		
11	5		"	"		
12	5		"	"		
1	5		"	"		
2	5		"	"		
3	5		"	"		
4	5		"	"		
5	5		"	"		
6	5		"	"		
7	5		"	"		
8	5		"	"		
9	5		"	"		
10	5		"	"		
11	5		"	"		
12	5		"	"		

Say to Mr. W. S. W.  
Sail set to cross

First Part of this day  
Squall & wind from  
W. S. W. all requiesce  
Sail set to cross  
advantage

Middle Part  
Squall & wind from  
W. S. W.

Officer sick of day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				45° 40'	45° 40'			13.58	

Journal from Liverpool towards New Orleans

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		W. S. W.	W. S. W.		
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	2		"	"		
6	2		"	"		
7	2		"	"		
8	2		"	"		
9	2		"	"		
10	2		"	"		
11	2		"	"		
12	2		"	"		
1	2		"	"		
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	2		"	"		
6	2		"	"		
7	2		"	"		
8	2		"	"		
9	2		"	"		
10	2		"	"		
11	2		"	"		
12	2		"	"		

First Part of this day  
Squall & wind from  
W. S. W. all requiesce  
Sail set to cross  
advantage

Middle Part  
Squall & wind from  
W. S. W.

Officer sick of day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				45° 40'	45° 40'			13.58	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		W. S. W.	W. S. W.		
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	2		"	"		
6	2		"	"		
7	2		"	"		
8	2		"	"		
9	2		"	"		
10	2		"	"		
11	2		"	"		
12	2		"	"		
1	2		"	"		
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	2		"	"		
6	2		"	"		
7	2		"	"		
8	2		"	"		
9	2		"	"		
10	2		"	"		
11	2		"	"		
12	2		"	"		

First Part of this day  
Squall & wind from  
W. S. W. all requiesce  
Sail set to cross  
advantage

Middle Part  
Squall & wind from  
W. S. W.

Last Part  
Squall & wind from  
W. S. W.

Officer sick of day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				45° 40'	45° 40'			13.58	







Journal from Liverpool towards Palermo 1872

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		DDN	NE	16.00	all these anchors must go
2	2					clear water ahead but no wind
3	3		DDN	NE	21.00	Commenced fire
4	3					Steady breeze from N. by E.
5	3					Get up for sport on air
6	3					Ship sails
7	3					Ship tenses at anchor
8	3					on the anchor
9	3					
10	3					
11	3					
12	3					
1	4					Messrs Port
2	4					Continues fire
3	4					Luna Port
4	4					Mr. Luna as above
5	4					Get whole ship under
6	4					Ship sails
7	4					
8	4					Passing church
9	4					from air.
10	4					
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				12° 11'	12° 14'	27.00		12.38	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		DDN	NE		
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				40° 24'	40° 26'	27.00		14.13	

Journal from towards 1872

K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5	DDN	NE		
2	5				
3	5				
4	5				
5	5				
6	5				
7	5				
8	5				
9	5				
10	5				
11	5				
12	5				
1	6				
2	6				
3	6				
4	6				
5	6				
6	6				
7	6				
8	6				
9	6				
10	6				
11	6				
12	6				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				39° 24'	15° 10'				

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		DDN	NE		
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				38° 21'	22° 00'			14° 36'	



Journal from Liverpool towards London

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	/		W 2 W	2 W		The 8 <sup>th</sup> day of June 18
2	/					
3	/					
4	/					On the 8 <sup>th</sup> day of June 18
5	/					On the 8 <sup>th</sup> day of June 18
6	2			3 1/2		On the 8 <sup>th</sup> day of June 18
7	2			3 1/2		On the 8 <sup>th</sup> day of June 18
8	2			4 1/2		On the 8 <sup>th</sup> day of June 18
9	2			15		On the 8 <sup>th</sup> day of June 18
10	2					On the 8 <sup>th</sup> day of June 18
11	2					On the 8 <sup>th</sup> day of June 18
12	2					On the 8 <sup>th</sup> day of June 18
1	2		One	3 1/2		On the 8 <sup>th</sup> day of June 18
2	2					On the 8 <sup>th</sup> day of June 18
3	2					On the 8 <sup>th</sup> day of June 18
4	1		W 2 W	2 W		On the 8 <sup>th</sup> day of June 18
5	1			2 1/2		On the 8 <sup>th</sup> day of June 18
6	1			4 1/2		On the 8 <sup>th</sup> day of June 18
7	1		3 1/2	4 1/2		On the 8 <sup>th</sup> day of June 18
8	1		"	"	18	On the 8 <sup>th</sup> day of June 18
9	1					On the 8 <sup>th</sup> day of June 18
10	1					On the 8 <sup>th</sup> day of June 18
11	1					On the 8 <sup>th</sup> day of June 18
12	1					On the 8 <sup>th</sup> day of June 18

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					37° 55'	22.00		8° 46'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5					day of Feb 18
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					
1	2					
2	2					
3	2					
4	2					
5	2					
6	2					
7	2					
8	2					
9	2					
10	2					
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				36.55	36.57			20.00	

Journal from *L'Anse-au-Loup* towards *Waukegan*

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					85 49	22.07		20 33	

	K <sup>t</sup>	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

[illegible]



Journal from Liverpool Aug 20 1870 towards Luluaburgh

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			Wednesday 20 Aug 1870			Beginance work for Robt
2						
3	M	1	17	2	1	1 M 1 25 1/2
4	M	1	18	2	1	1 26 1/2
5	M	1	19	2	1	1 27 1/2
6	M	1	20	2	1	1 28 1/2
7	M	1	21	2	1	1 29 1/2
8	M	1	22	2	1	1 30 1/2
9	M	1	23	2	1	1 31 1/2
10	M	1	24	2	1	1 32 1/2
11	M	1	25	2	1	1 33 1/2
12	M	1	26	2	1	1 34 1/2
1	M	1	27	2	1	1 35 1/2
2	M	1	28	2	1	1 36 1/2
3	M	1	29	2	1	1 37 1/2
4	M	1	30	2	1	1 38 1/2
5	M	1	31	2	1	1 39 1/2
6	M	1	1	2	1	1 40 1/2
7	M	1	2	2	1	1 41 1/2
8	M	1	3	2	1	1 42 1/2
9	M	1	4	2	1	1 43 1/2
10	M	1	5	2	1	1 44 1/2
11	M	1	6	2	1	1 45 1/2
12	M	1	7	2	1	1 46 1/2
1	M	1	8	2	1	1 47 1/2
2	M	1	9	2	1	1 48 1/2
3	M	1	10	2	1	1 49 1/2
4	M	1	11	2	1	1 50 1/2
5	M	1	12	2	1	1 51 1/2
6	M	1	13	2	1	1 52 1/2
7	M	1	14	2	1	1 53 1/2
8	M	1	15	2	1	1 54 1/2
9	M	1	16	2	1	1 55 1/2
10	M	1	17	2	1	1 56 1/2
11	M	1	18	2	1	1 57 1/2
12	M	1	19	2	1	1 58 1/2
1	M	1	20	2	1	1 59 1/2
2	M	1	21	2	1	2 00 1/2
3	M	1	22	2	1	2 01 1/2
4	M	1	23	2	1	2 02 1/2
5	M	1	24	2	1	2 03 1/2
6	M	1	25	2	1	2 04 1/2
7	M	1	26	2	1	2 05 1/2
8	M	1	27	2	1	2 06 1/2
9	M	1	28	2	1	2 07 1/2
10	M	1	29	2	1	2 08 1/2
11	M	1	30	2	1	2 09 1/2
12	M	1	31	2	1	2 10 1/2

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
15 1/2	18 1/4								

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			15 1/2			10 1/2 day of 65
2						20 1/2
3						30 1/2
4						40 1/2
5						50 1/2
6						60 1/2
7						70 1/2
8						80 1/2
9						90 1/2
10						100 1/2
11						110 1/2
12						120 1/2
1						130 1/2
2						140 1/2
3						150 1/2
4						160 1/2
5						170 1/2
6						180 1/2
7						190 1/2
8						200 1/2
9						210 1/2
10						220 1/2
11						230 1/2
12						240 1/2

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
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54.40  
40.00  
94.40  
25  
119

20  
6  
120  
64  
39  
223

35  
5  
175  
20.88  
195.88  
119.40  
76.48  
11  
87.48  
116  
116  
20.88  
4

147  
98  
10  
108  
16  
4  
64  
24  
15  
39



